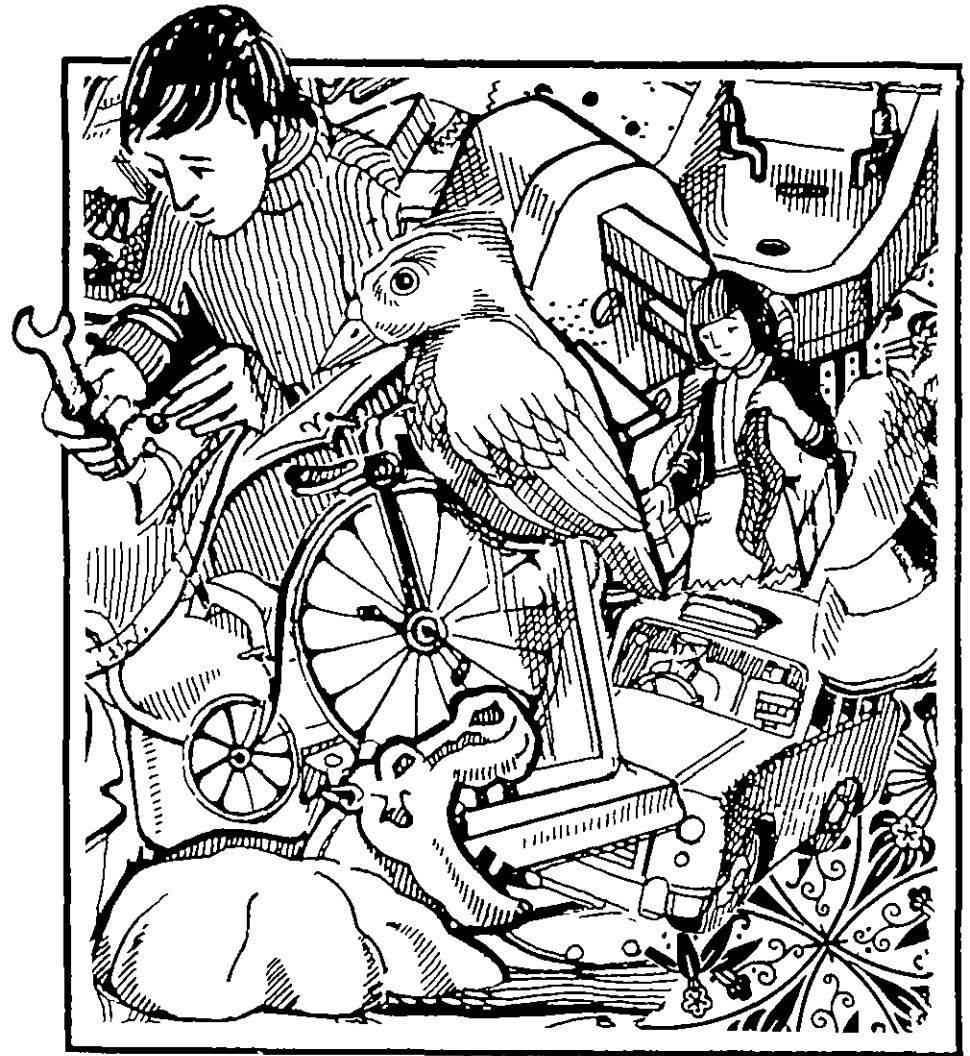


# THE CHES PICTORIAL LANGUAGE COMPREHENSION TEST



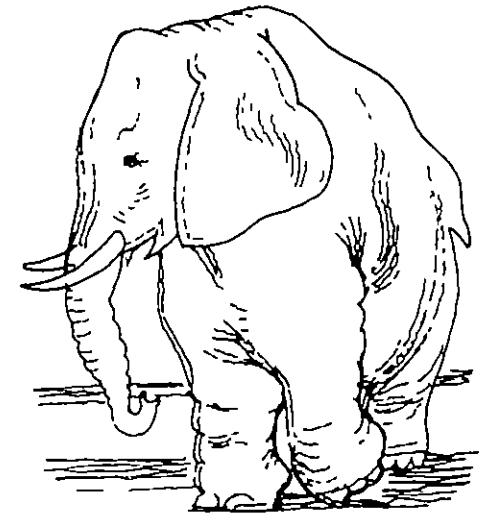
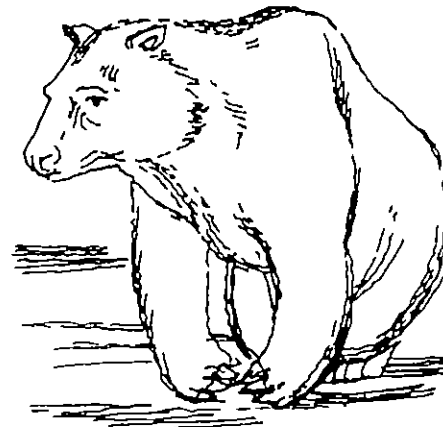
NAME .....

SCHOOL .....

DATE .....

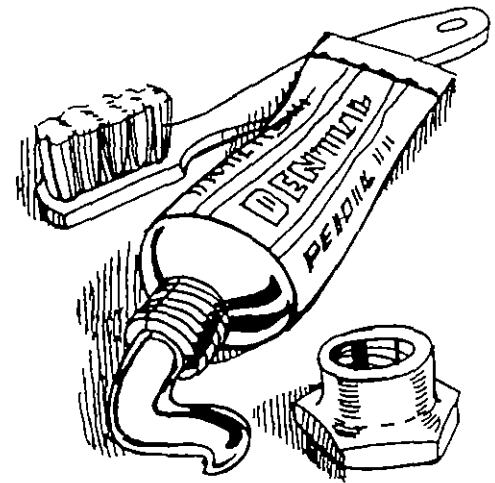
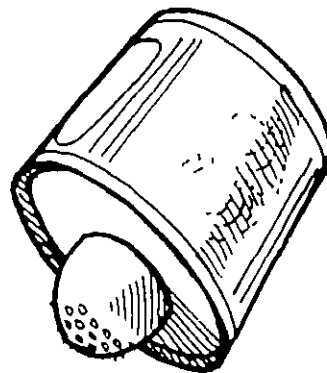
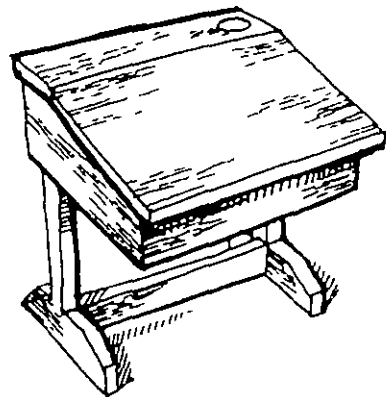
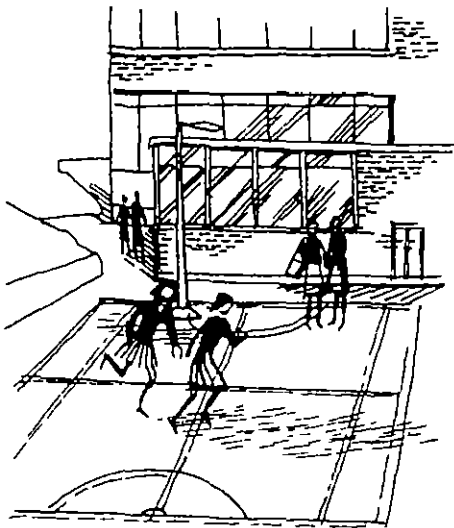
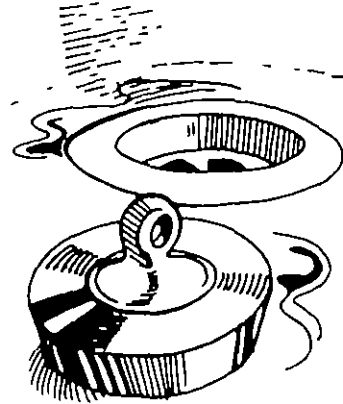
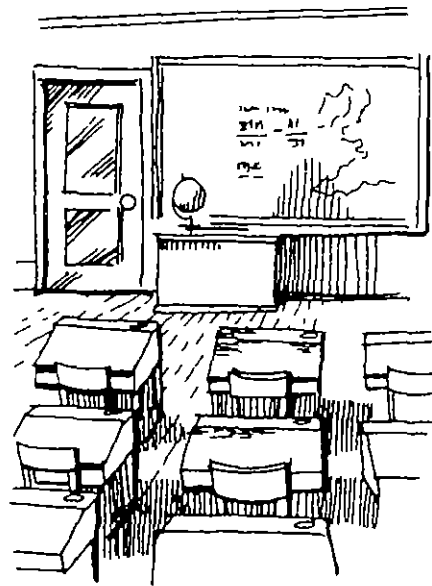
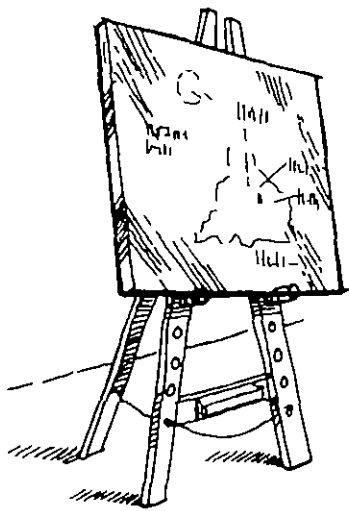


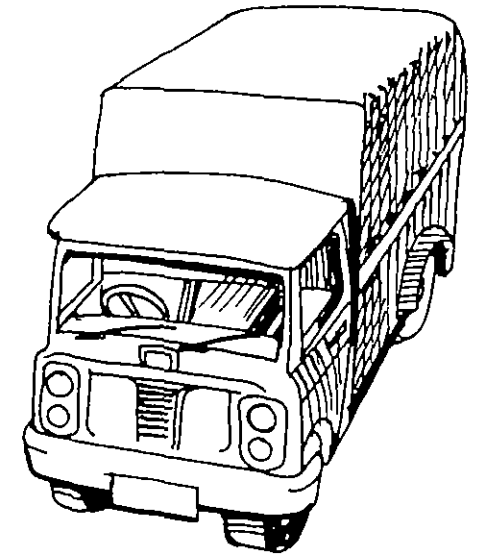
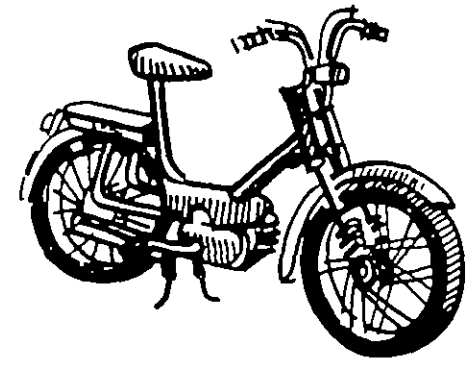
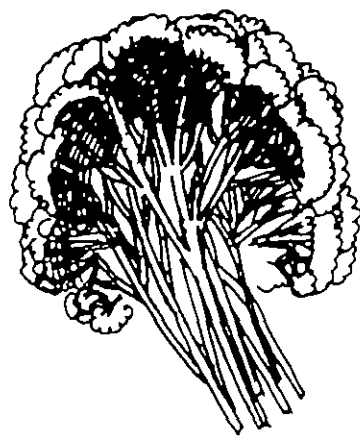
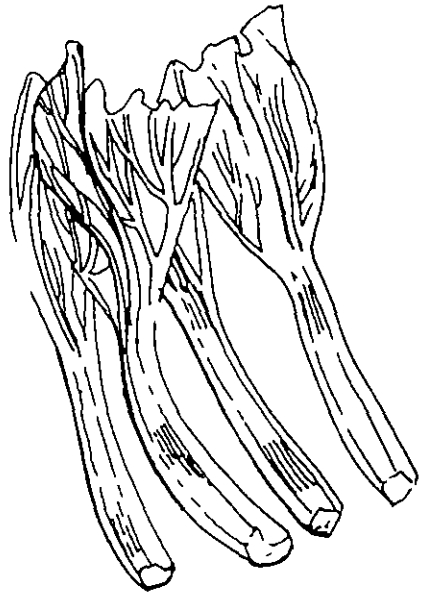
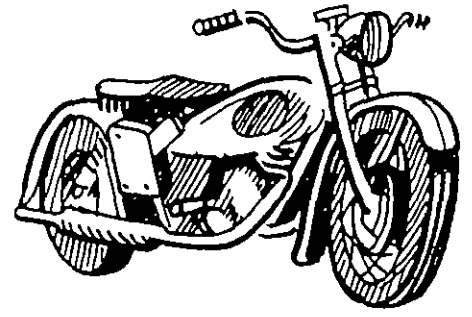
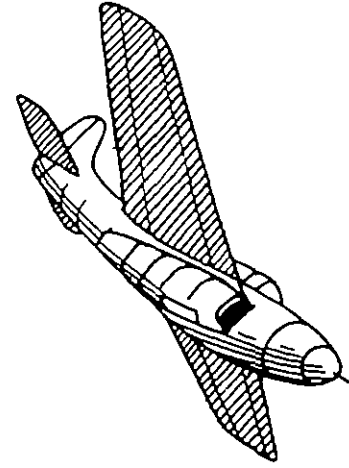
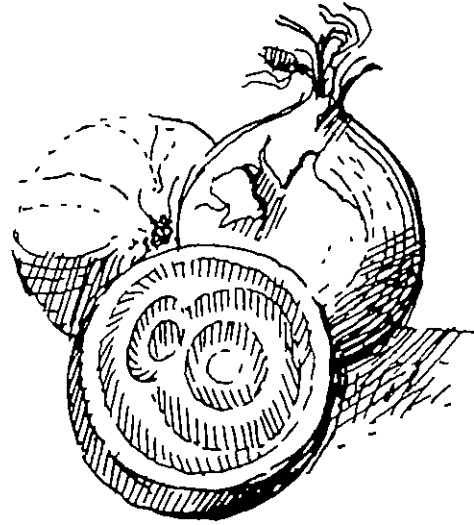
University of Bristol

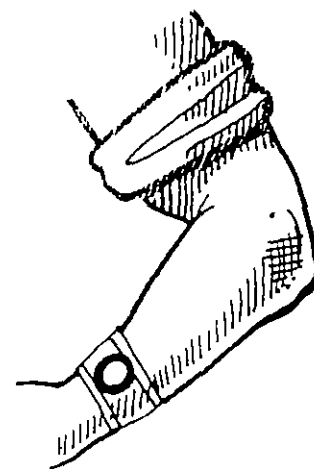
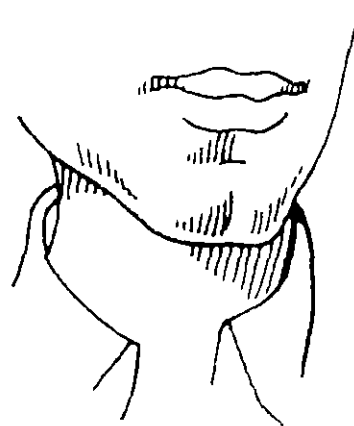
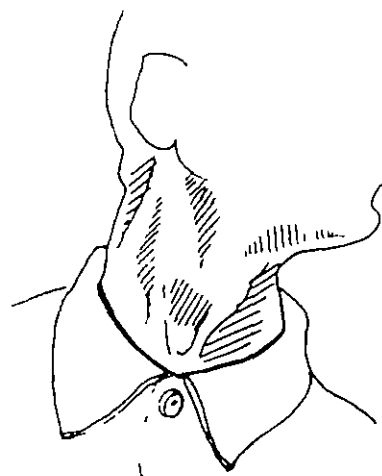
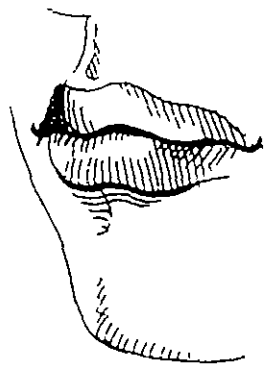
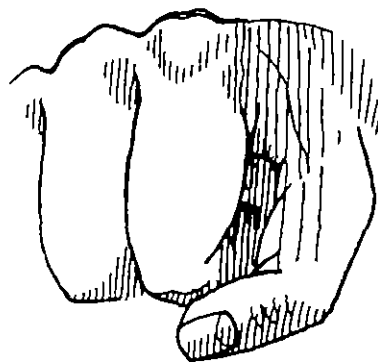
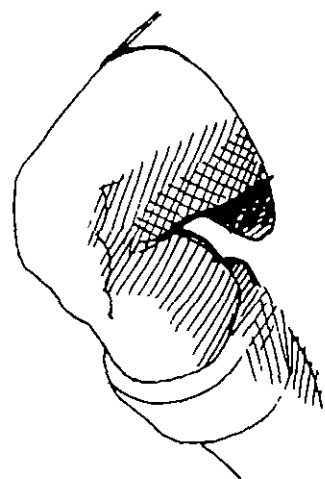


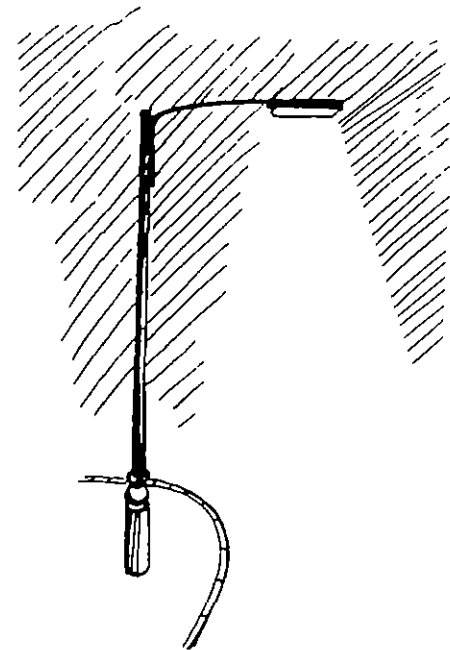
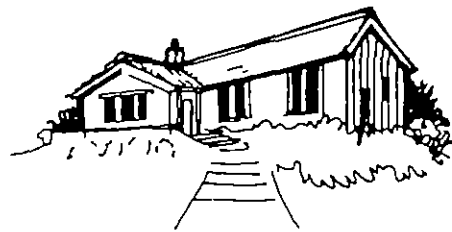
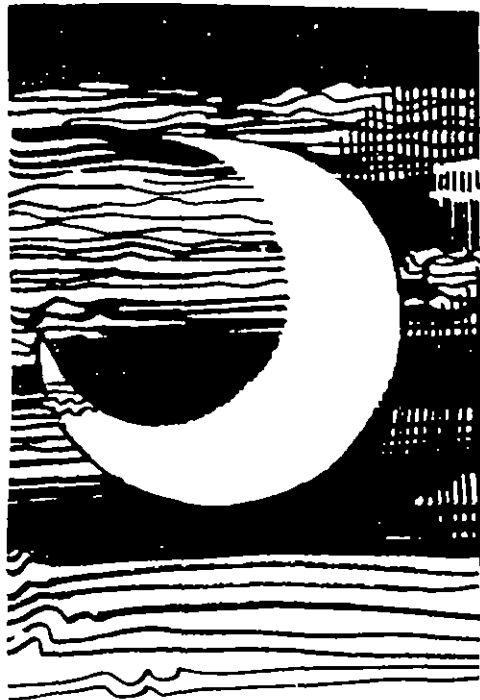
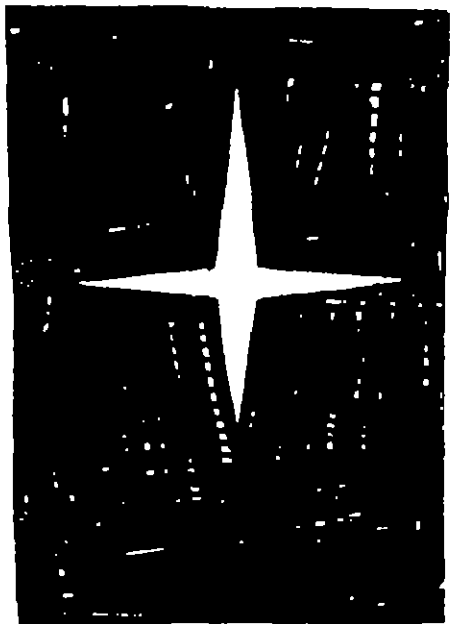
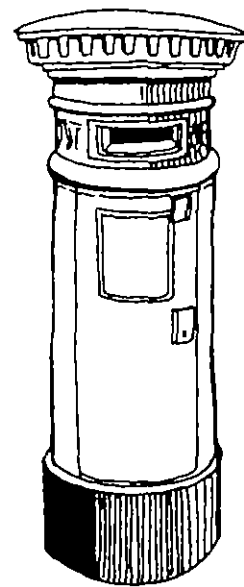
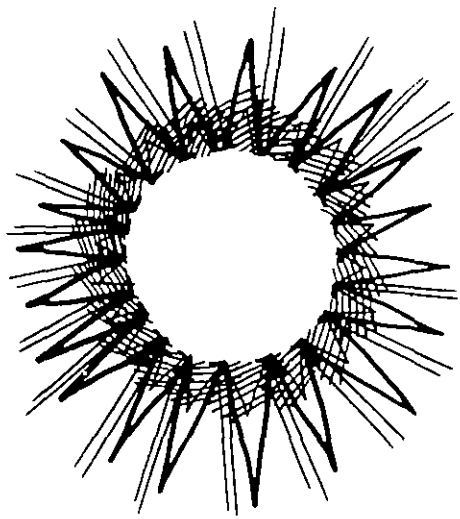
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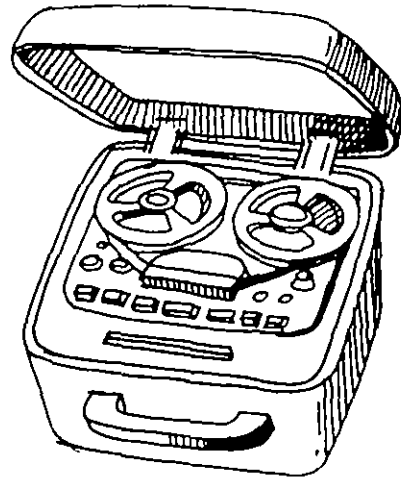
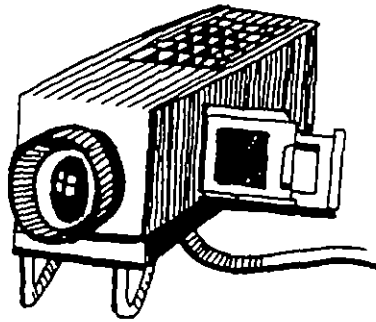
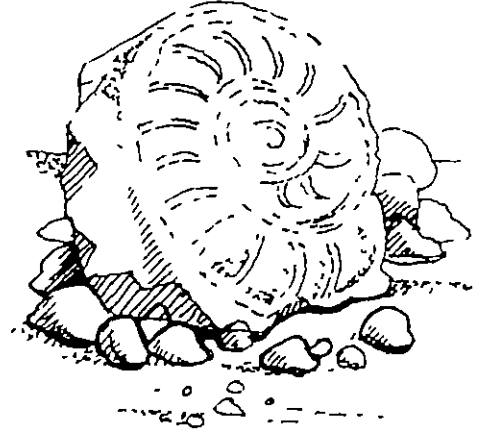
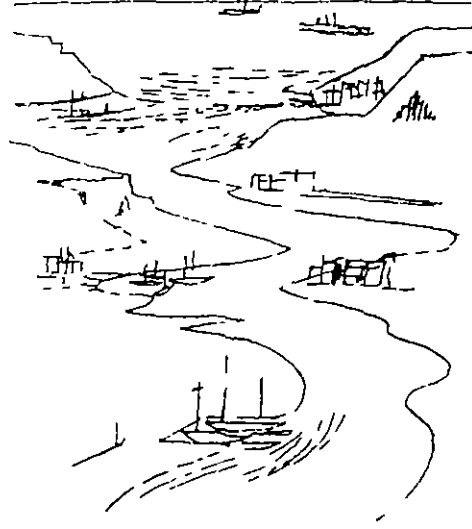
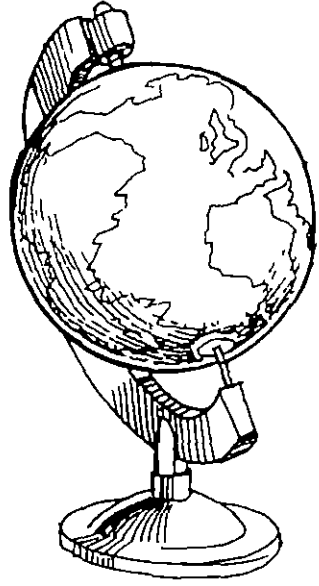
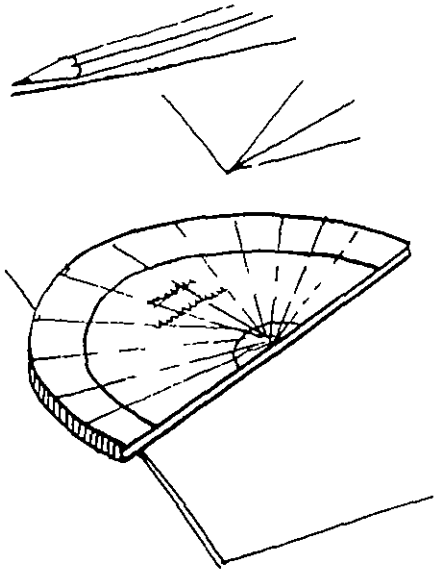
Department of Child Health Research Unit, University of Bristol  
Test authors Angela Hobsbaum, Francis Canning, Valerie Mockridge  
Artist Edward Phelps

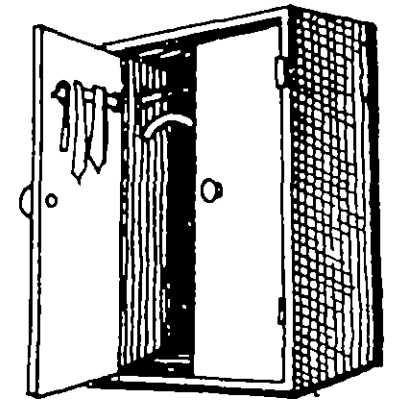
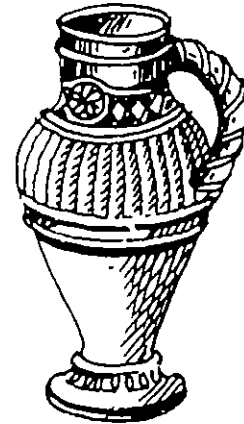
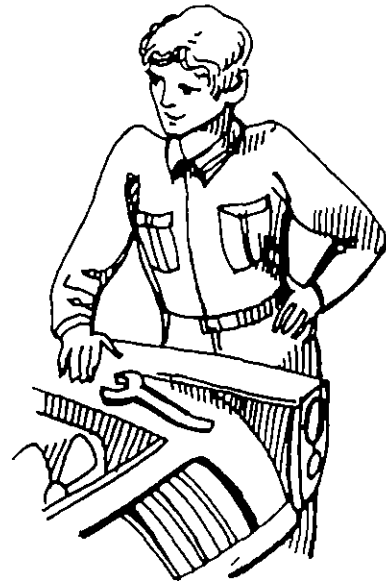
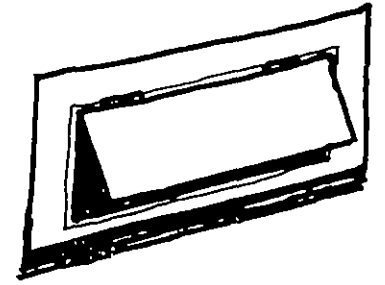
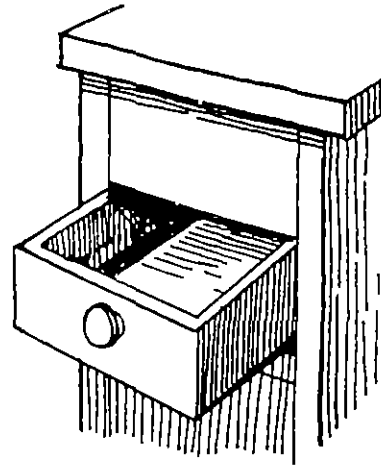
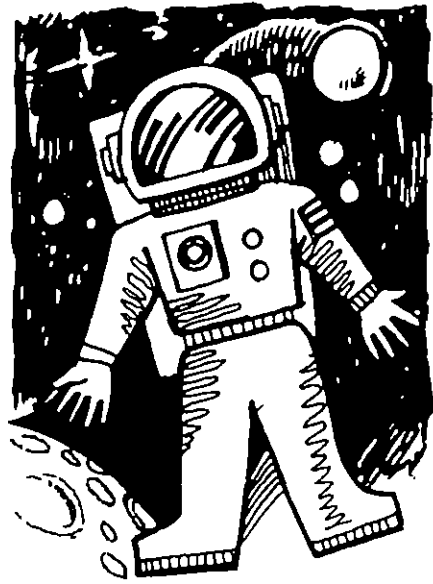




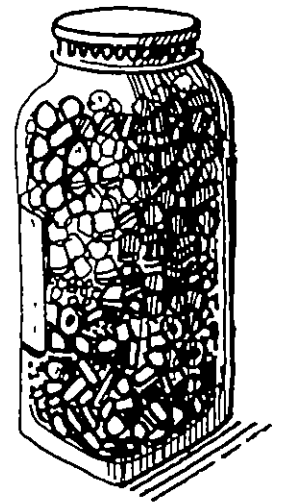
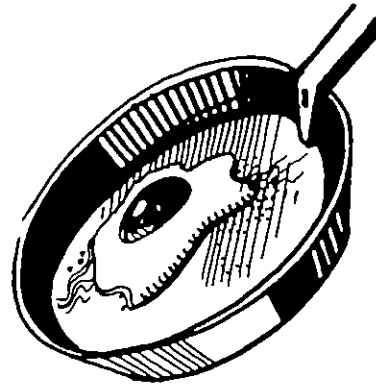
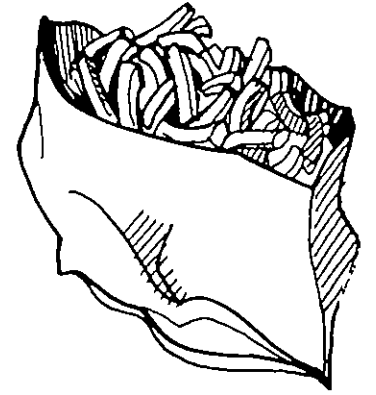
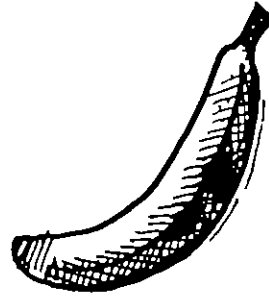
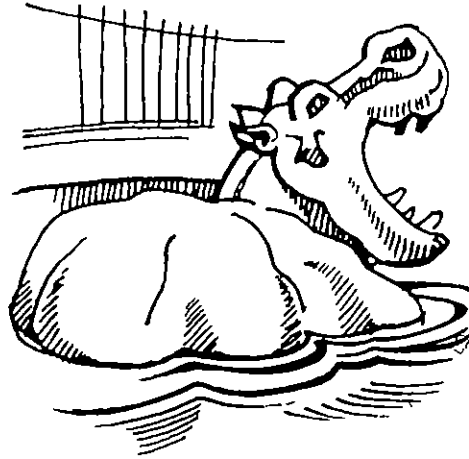
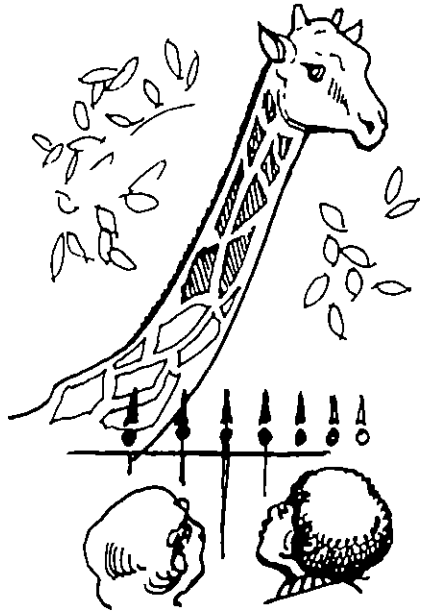


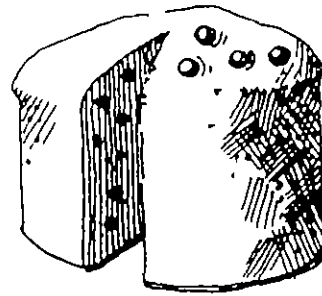
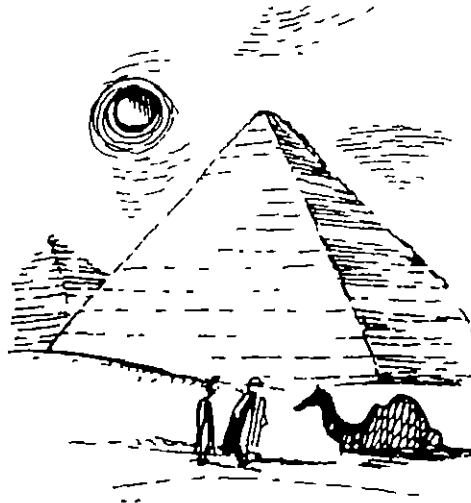
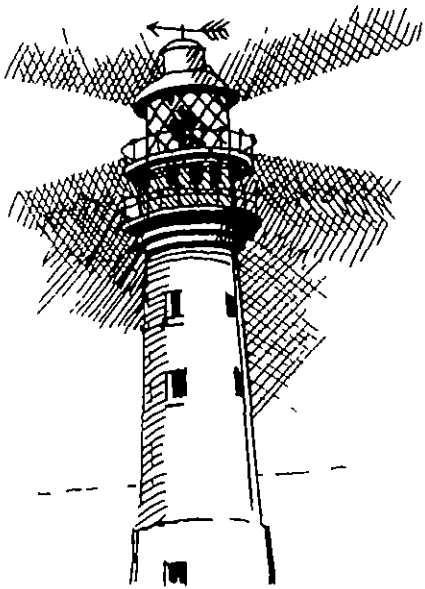
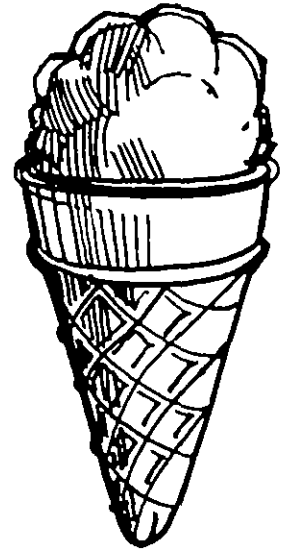
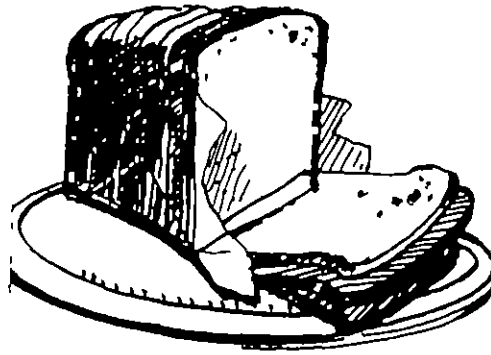
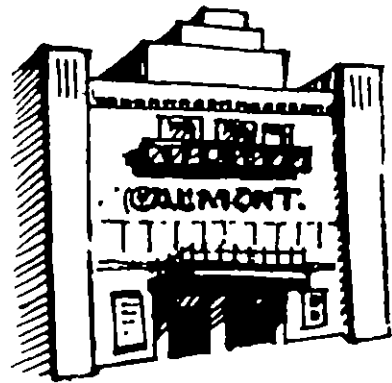


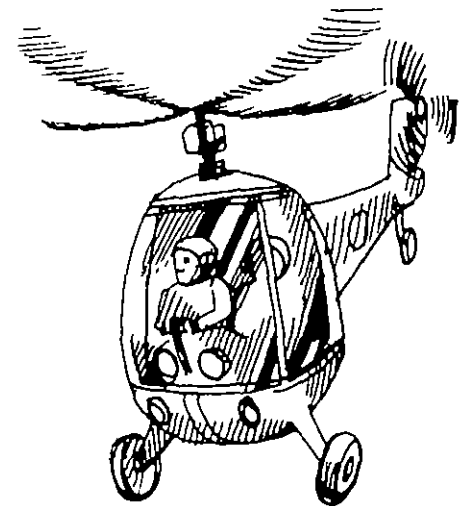
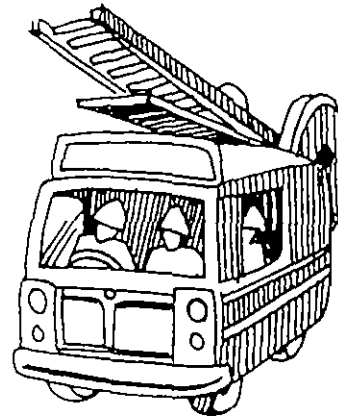
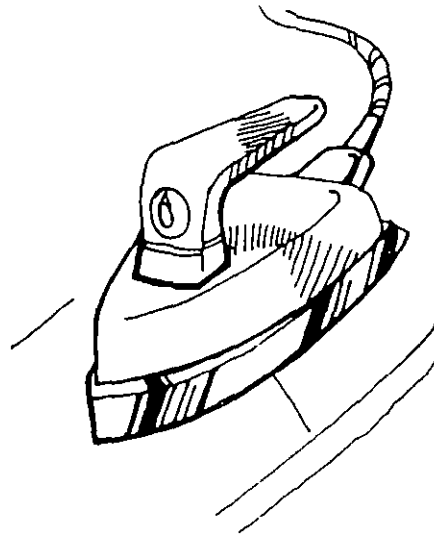
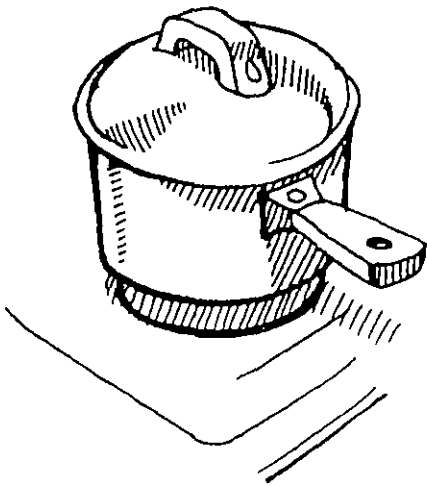
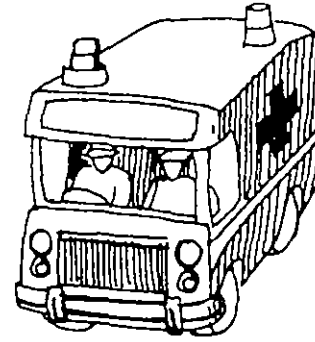
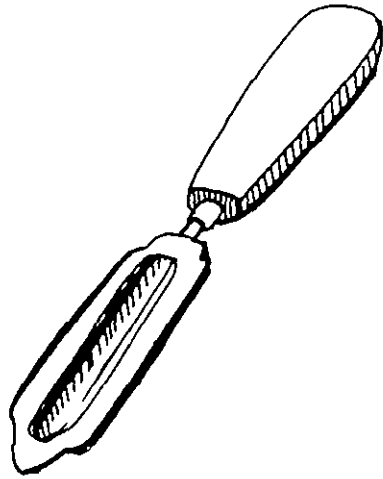
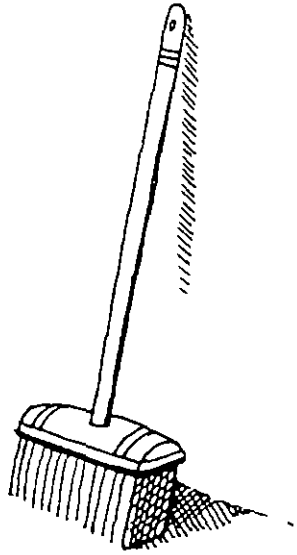


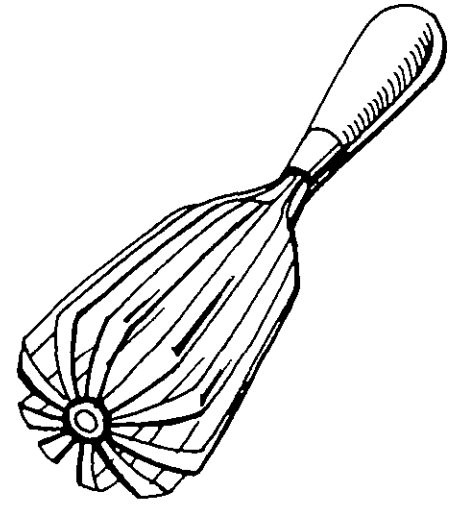
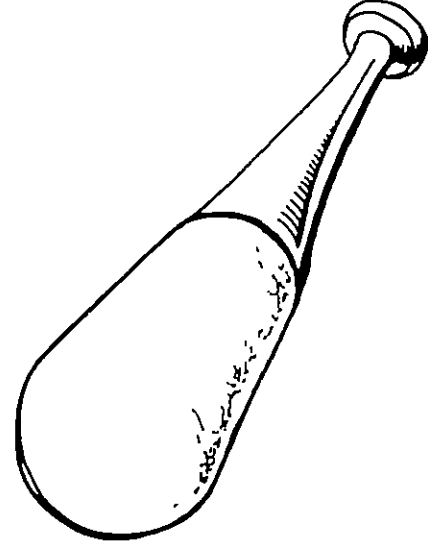
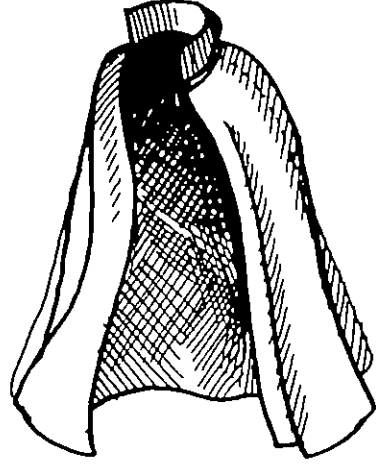
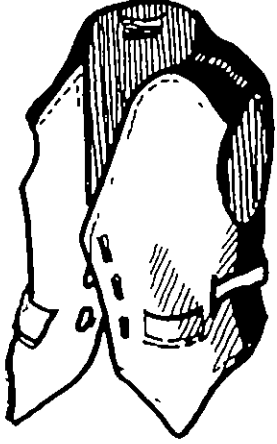




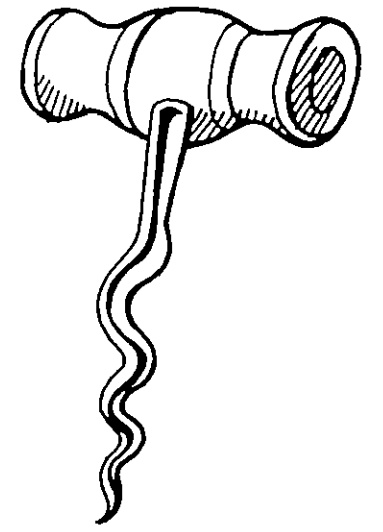
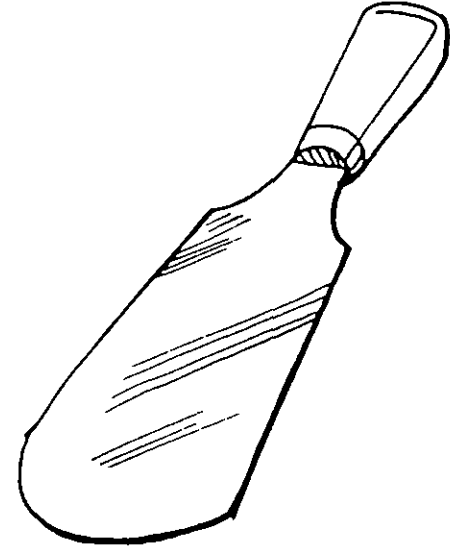
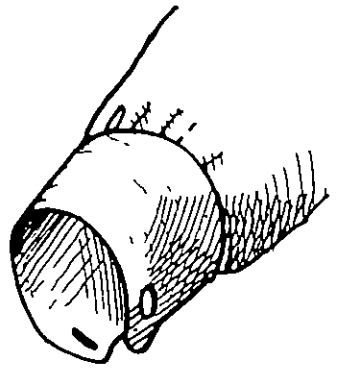
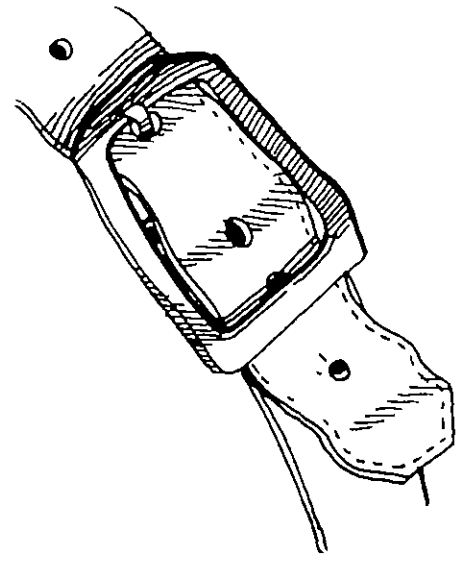


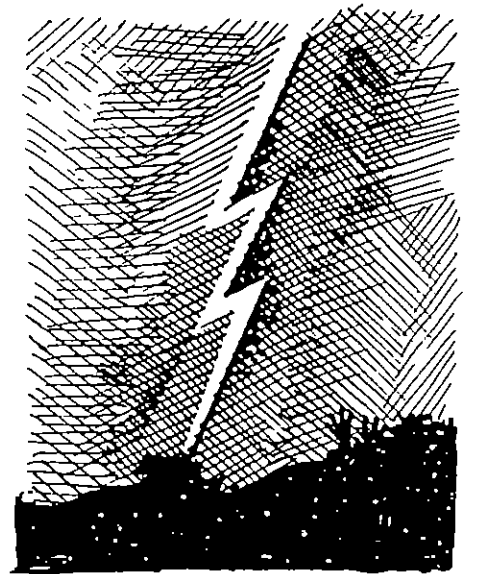
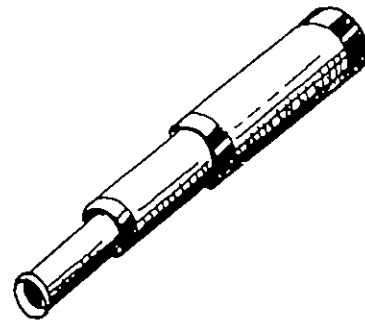
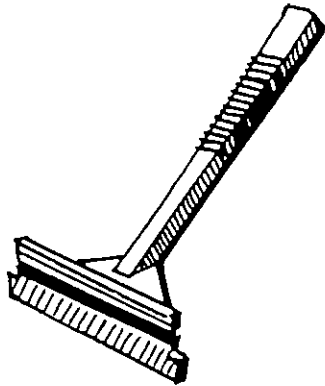
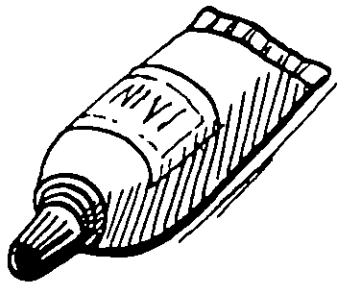
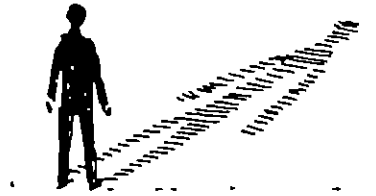
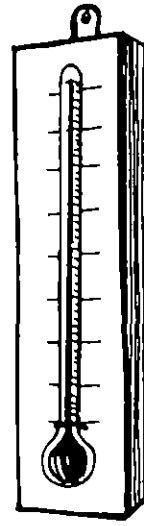
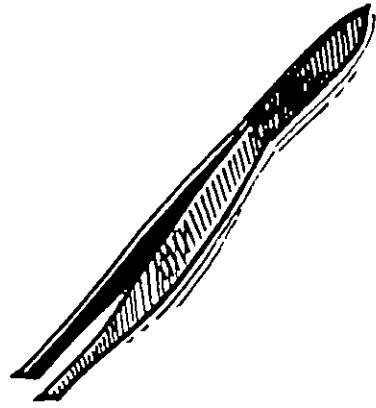
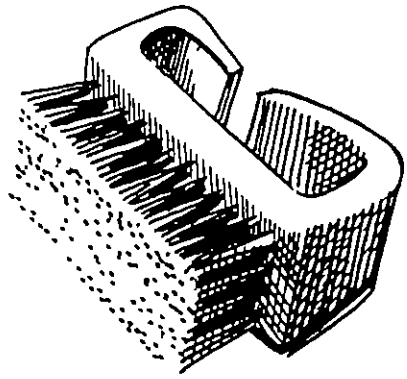


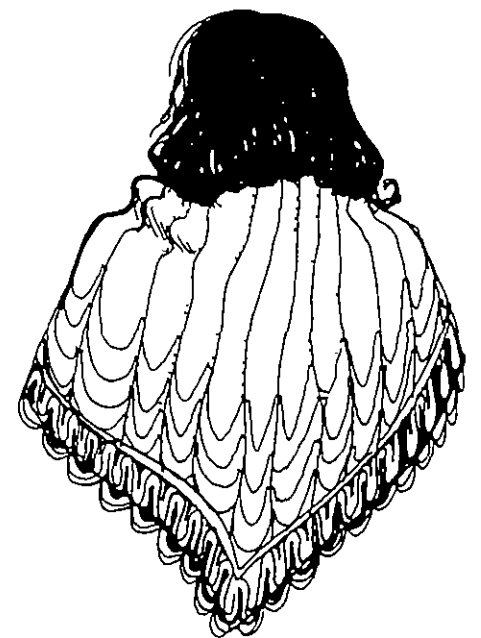
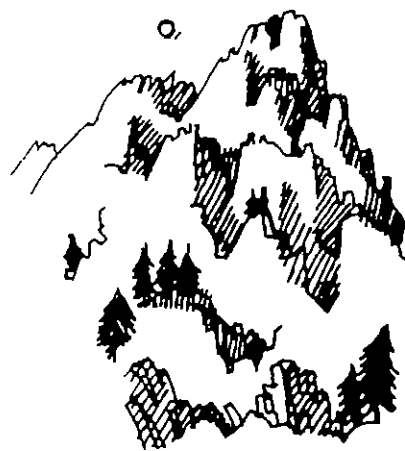
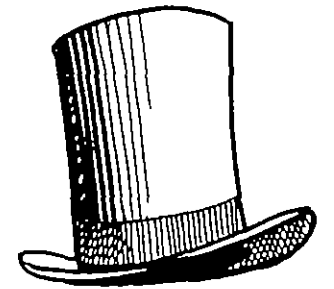
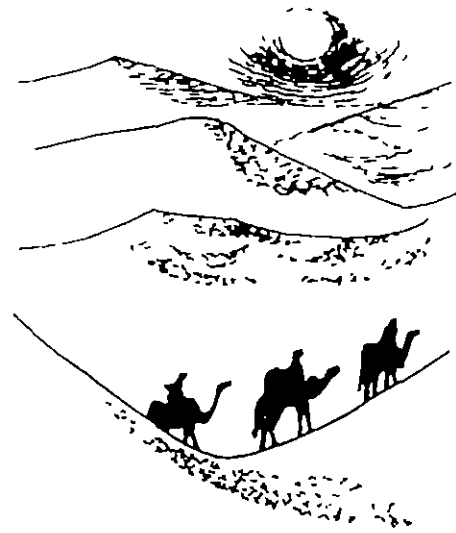
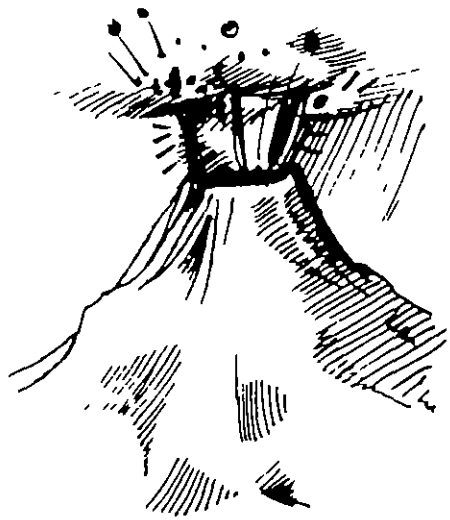


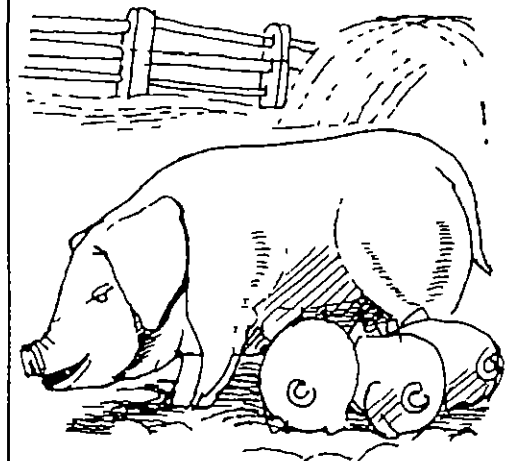
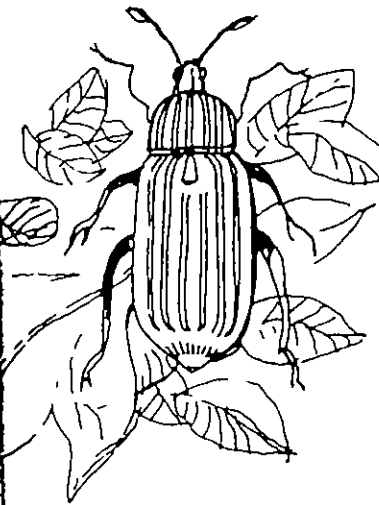
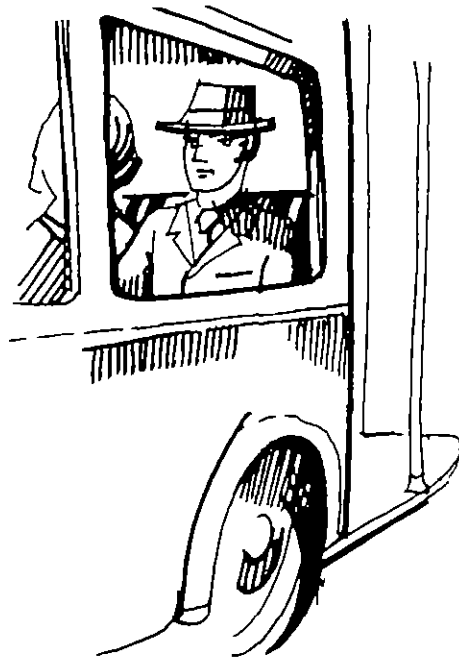
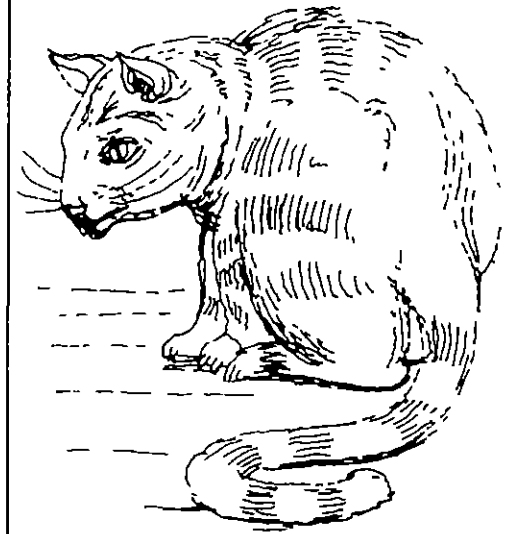
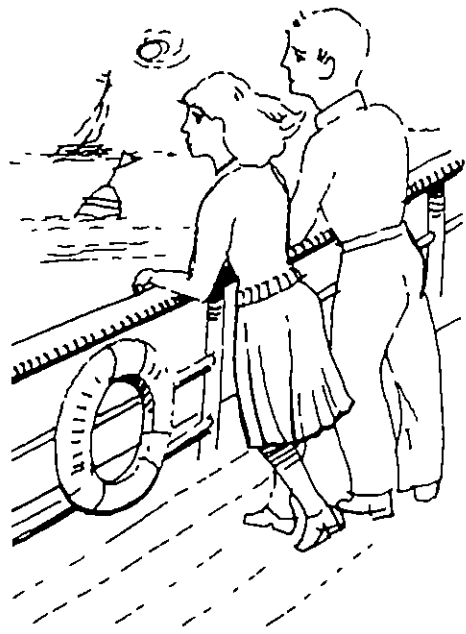


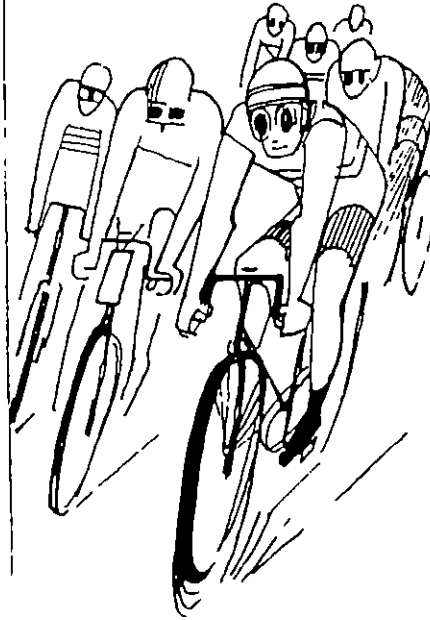
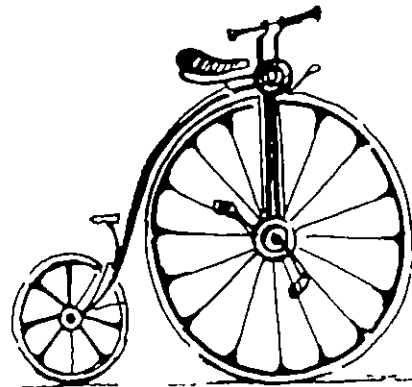
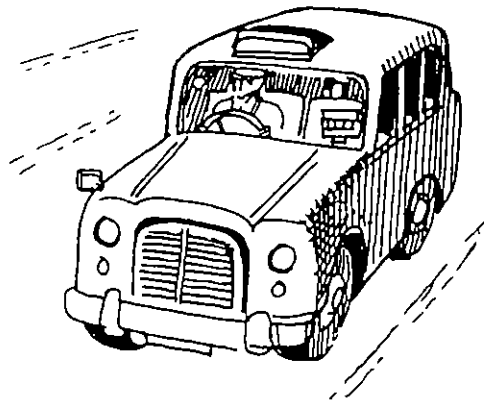
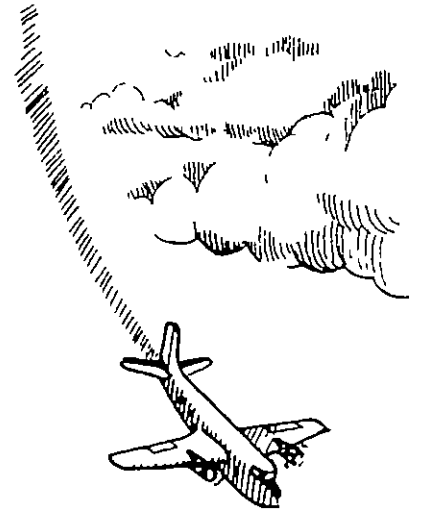
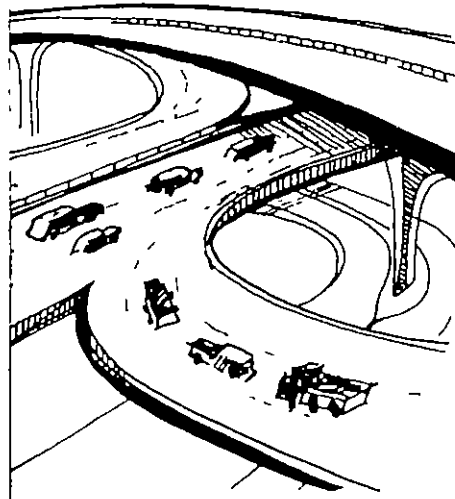
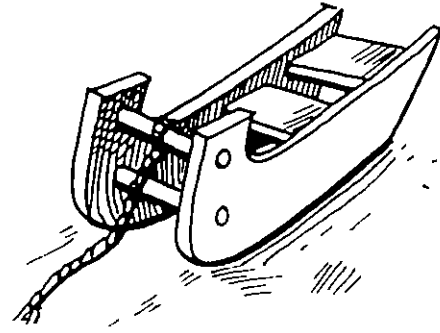
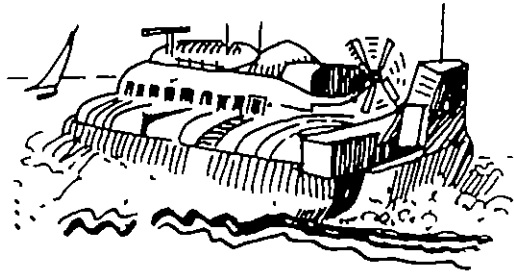
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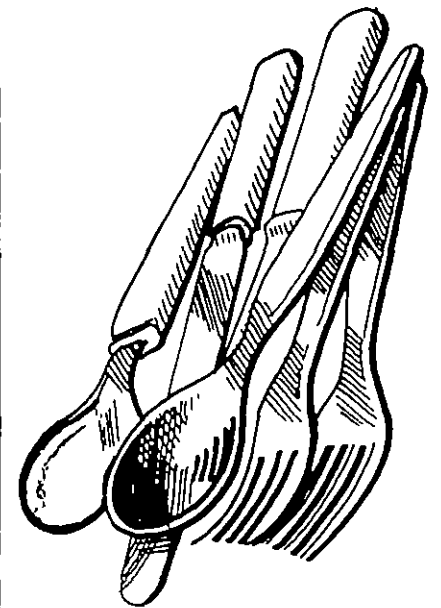
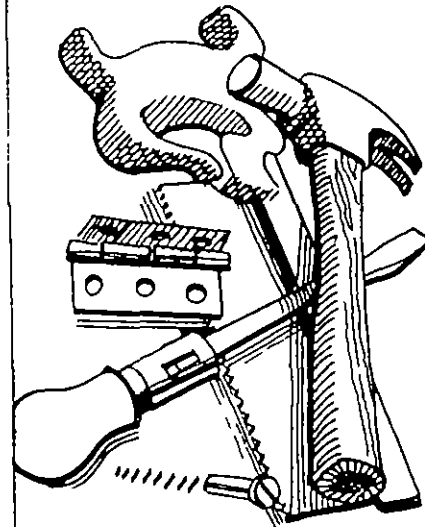
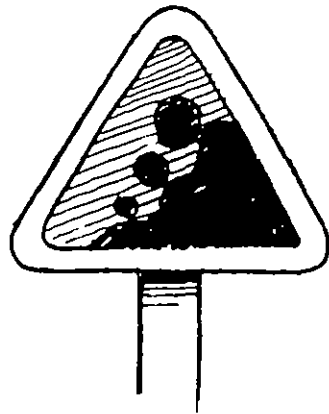
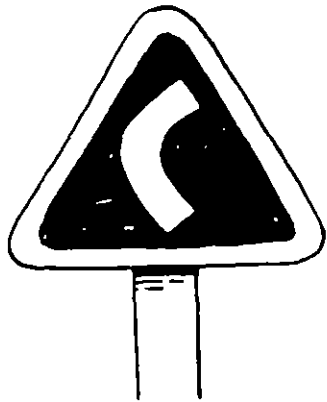
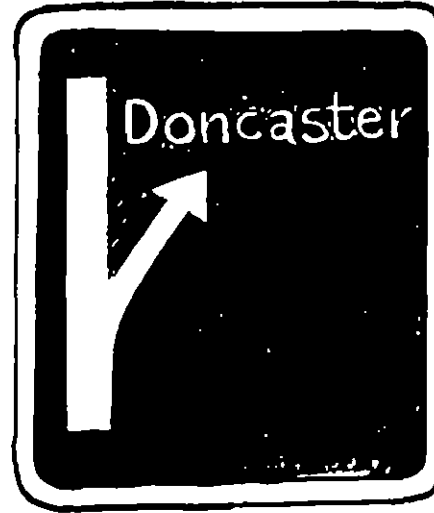
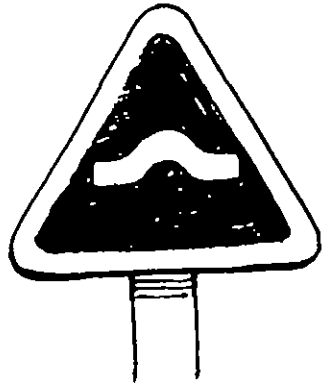


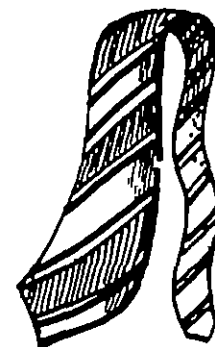
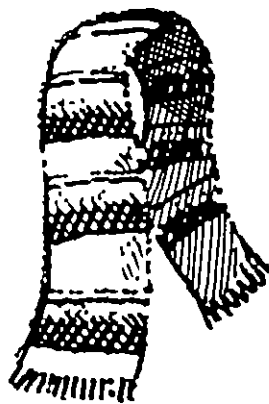
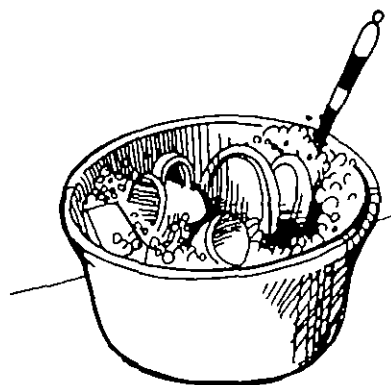
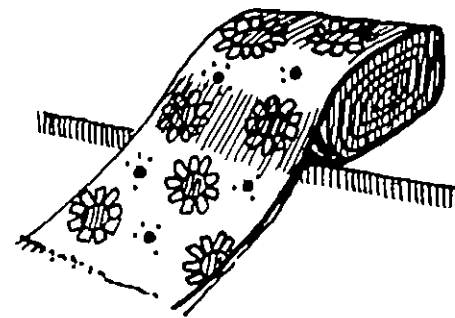


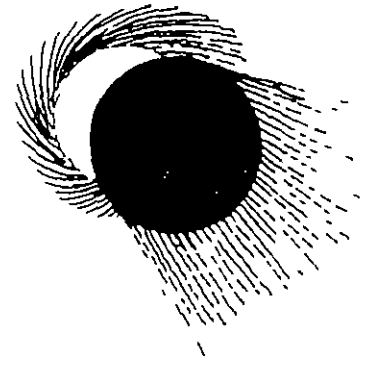
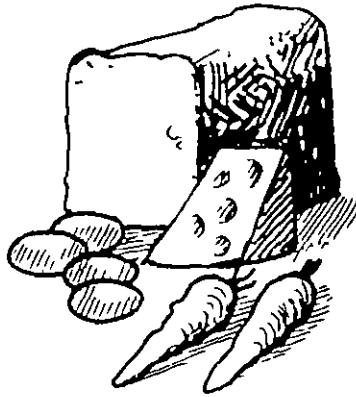
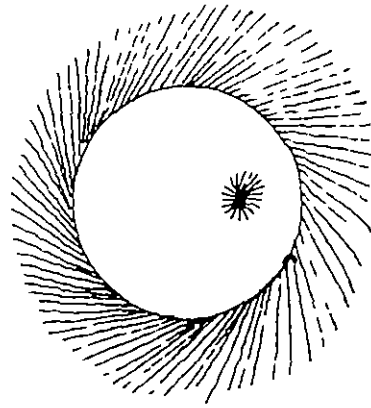
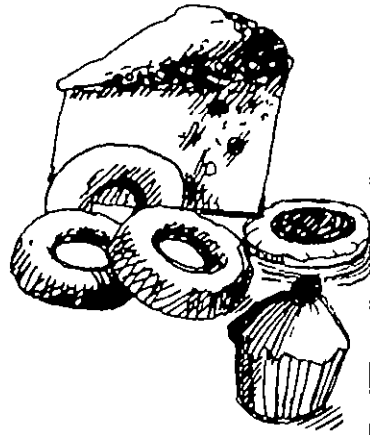


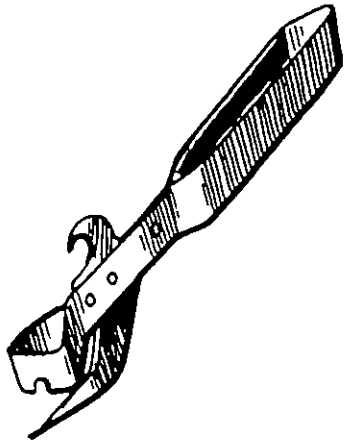


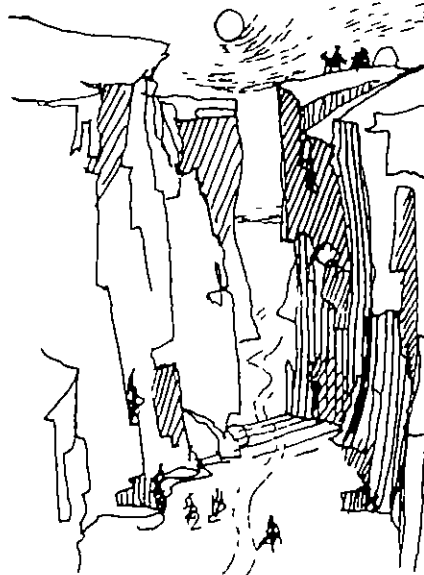
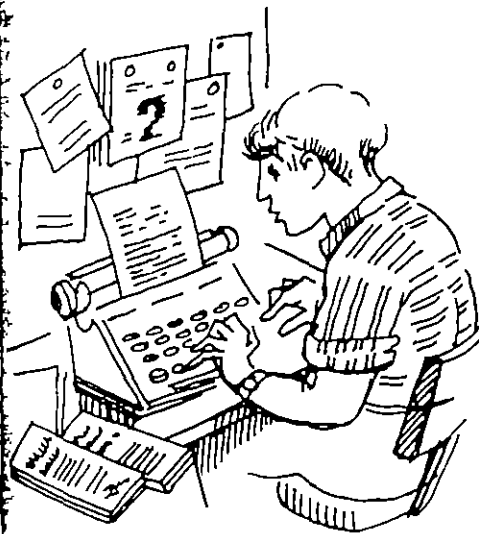
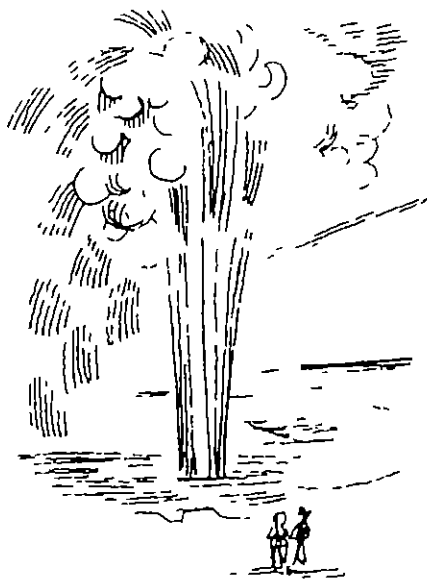


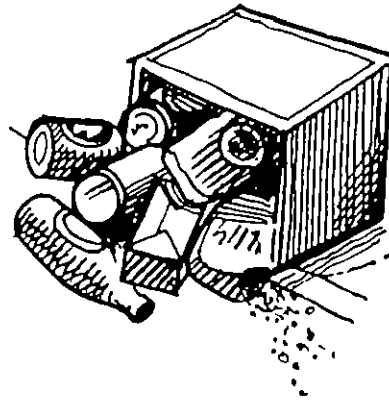
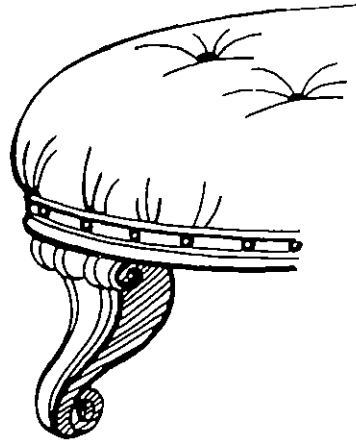
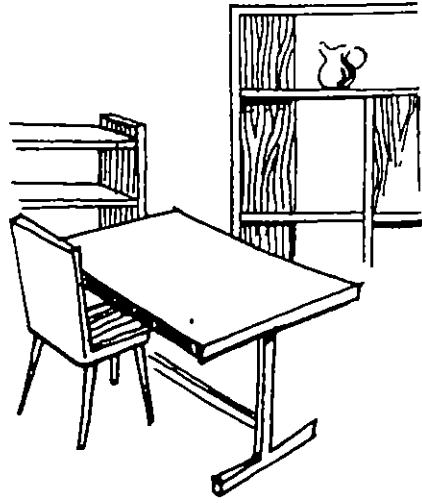
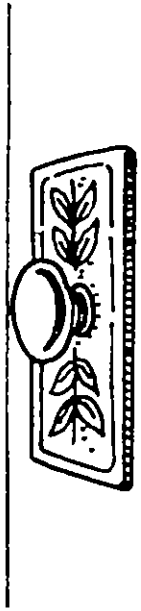


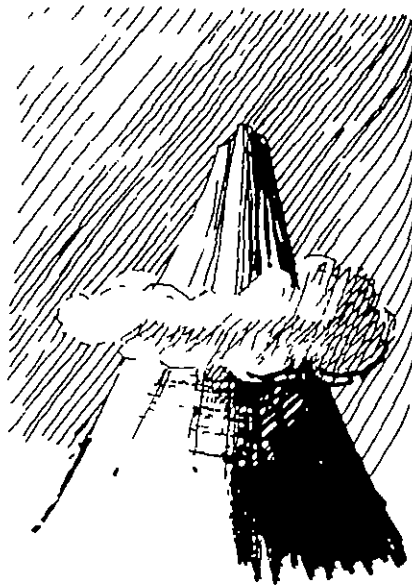
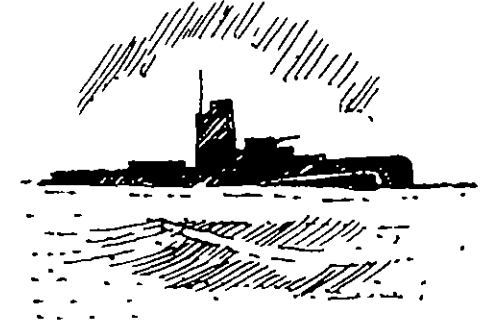
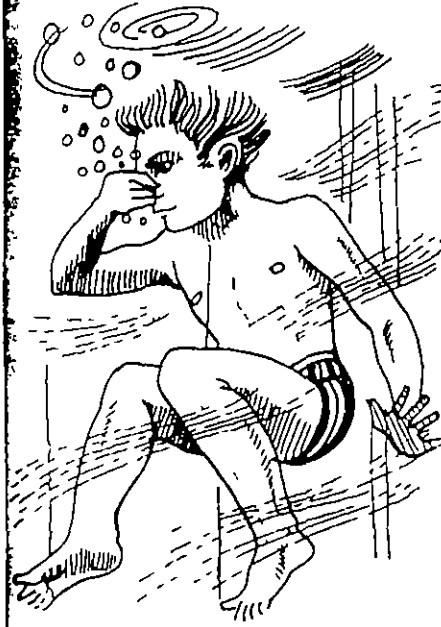
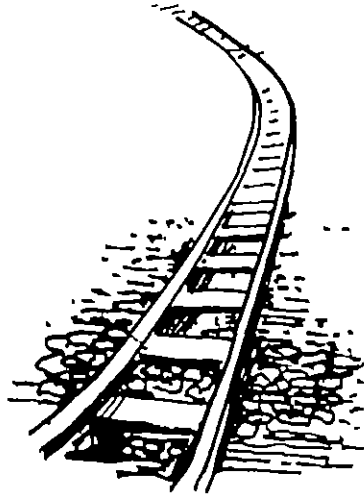
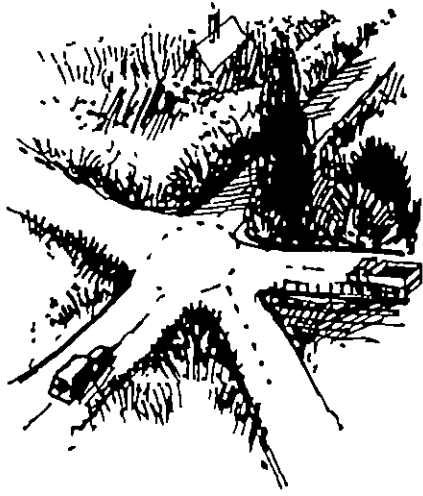


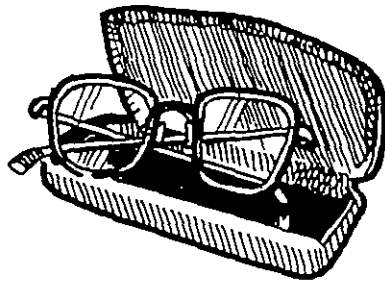
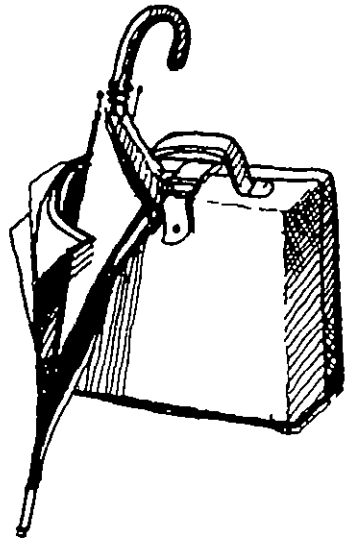
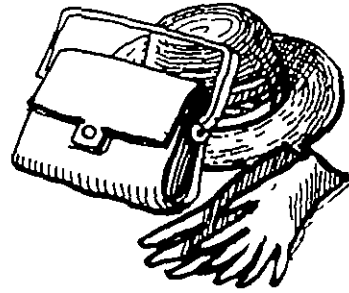
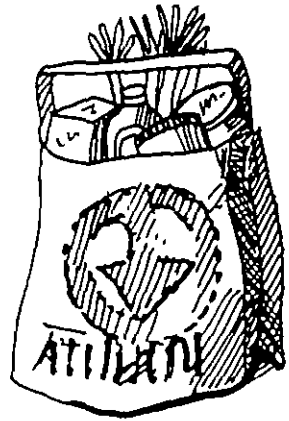




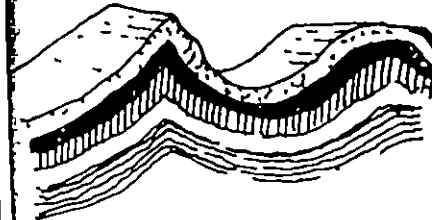
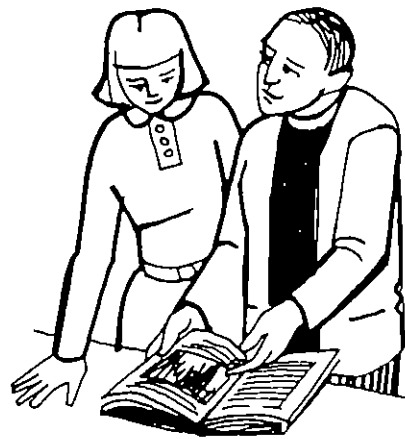
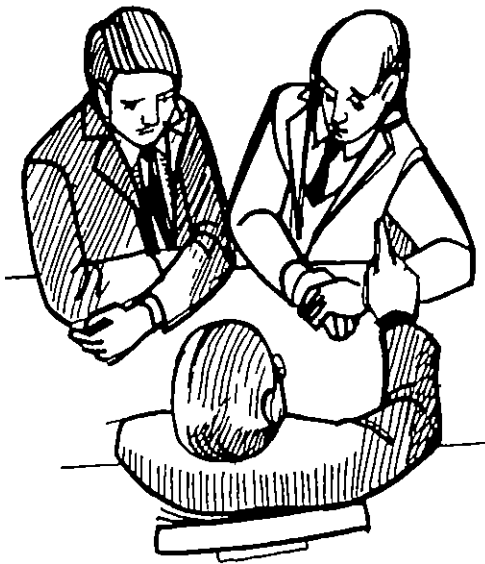
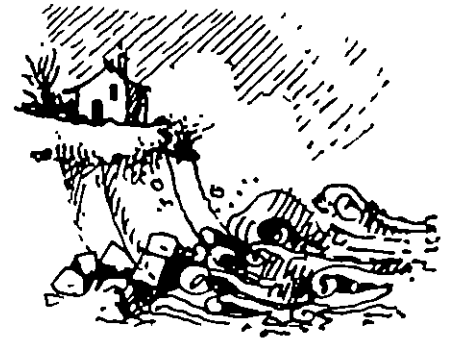
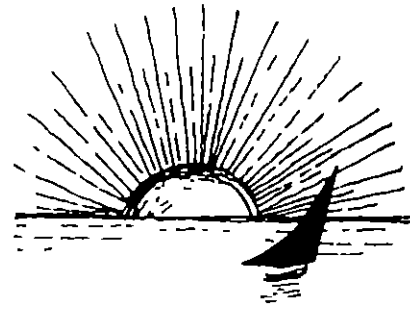


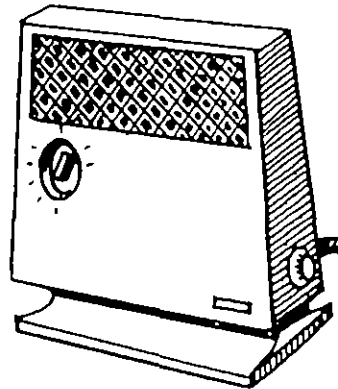
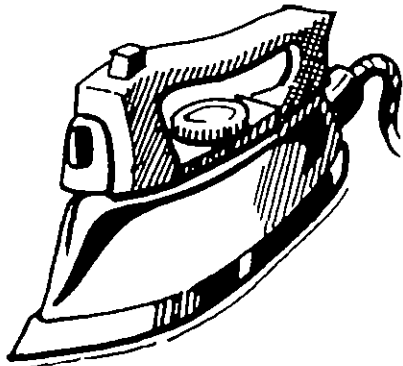
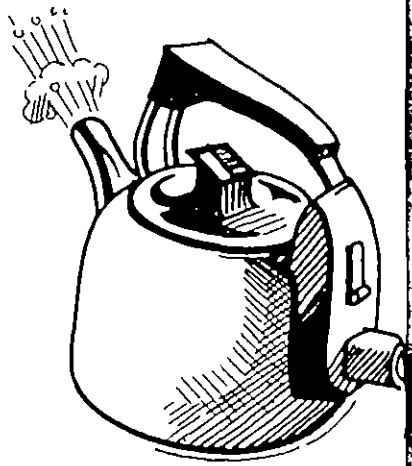
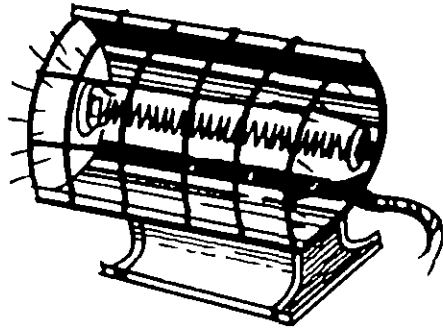


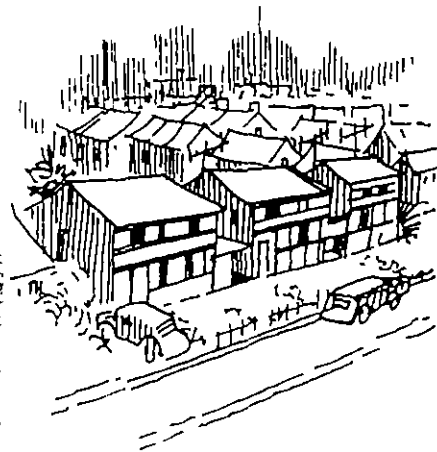
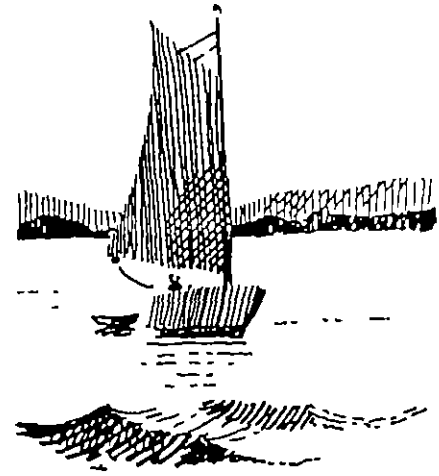


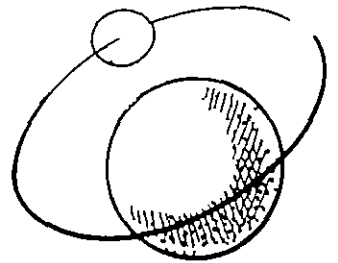
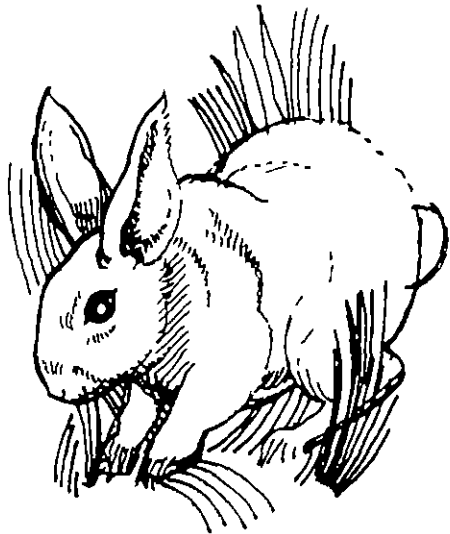
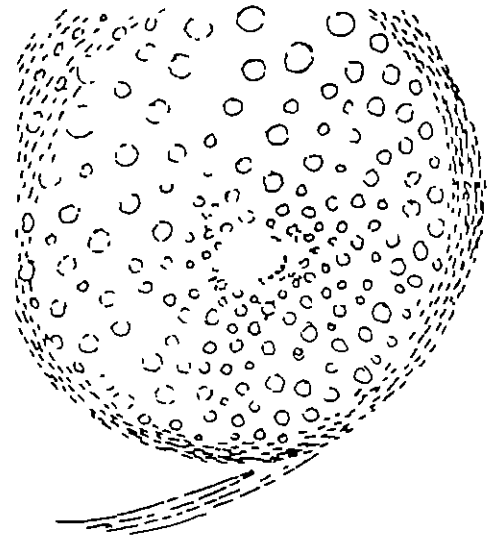
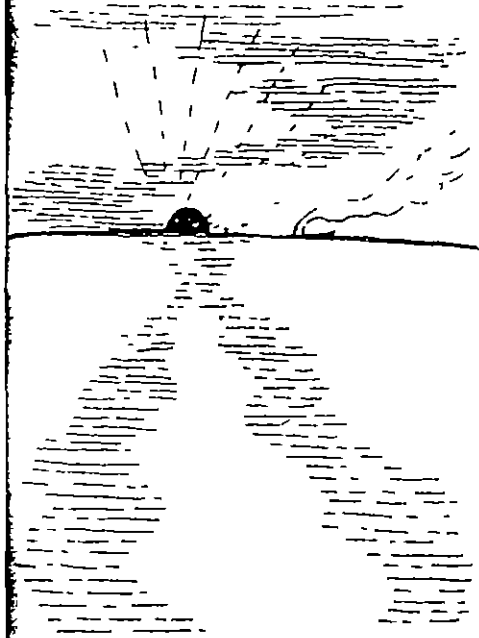
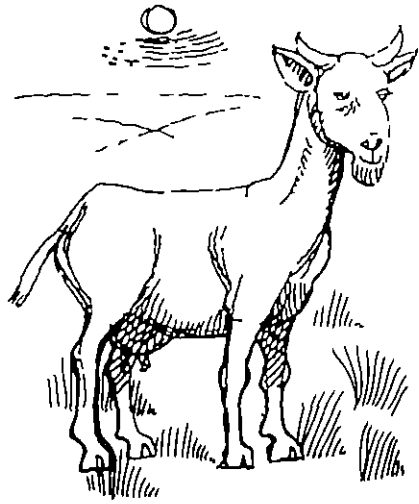
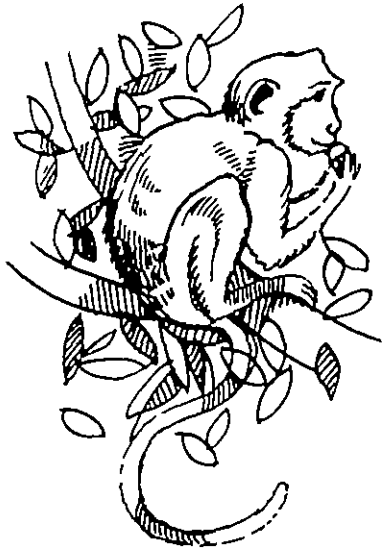


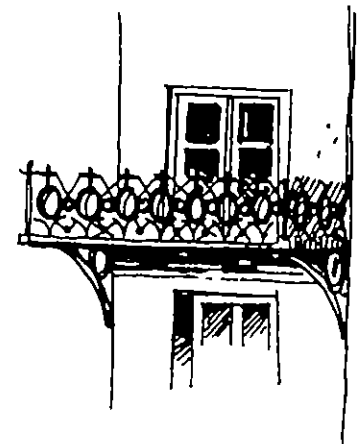
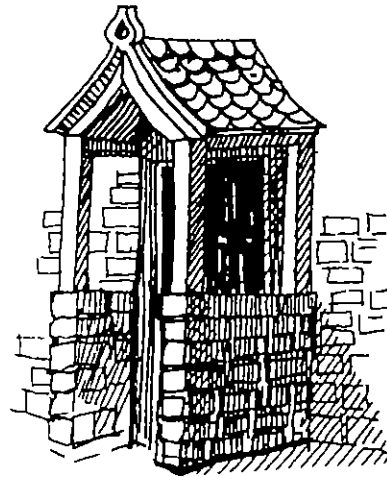
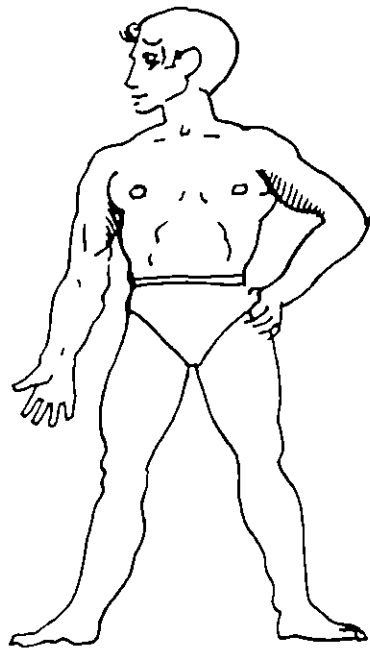
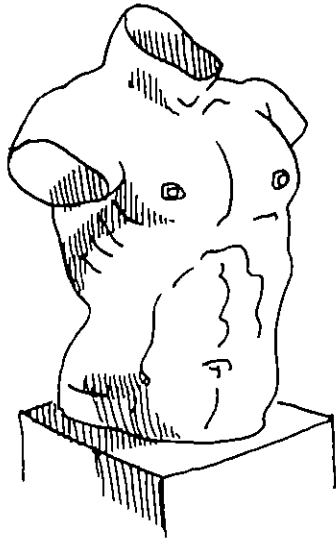
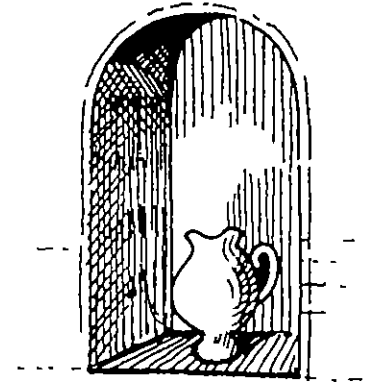
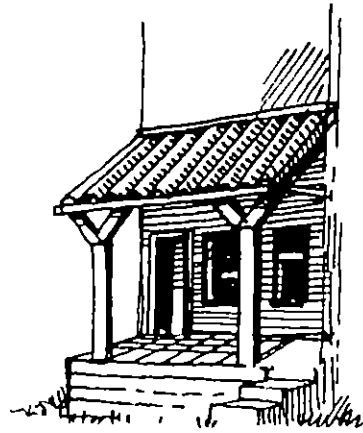
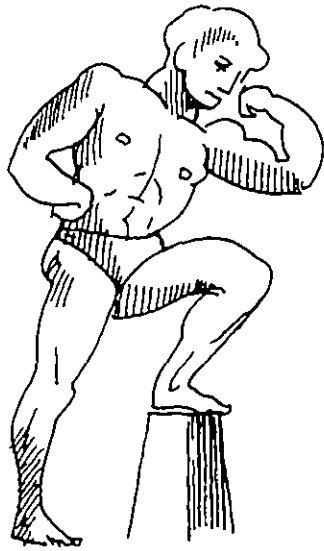


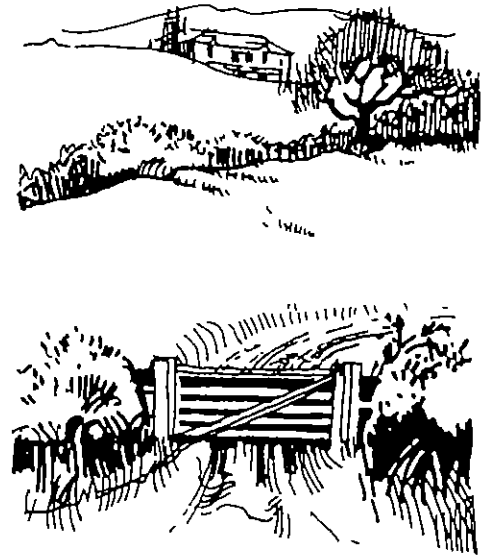
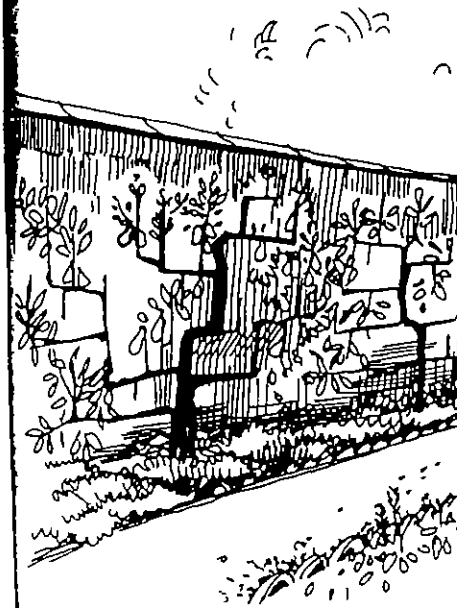
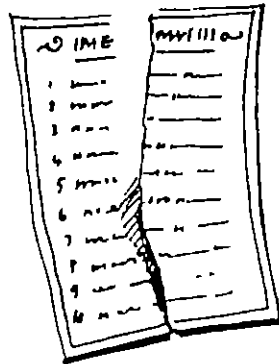
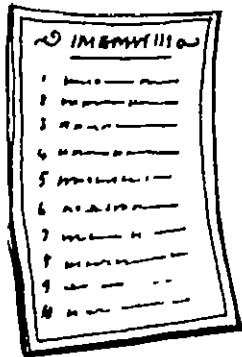
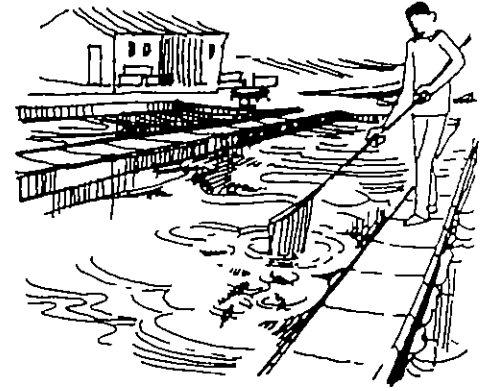
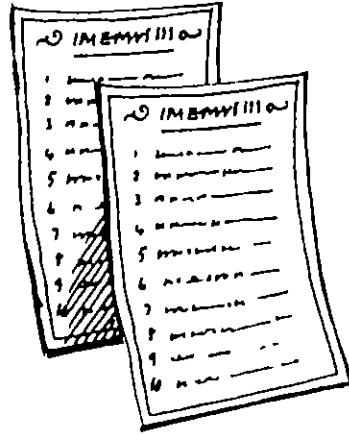
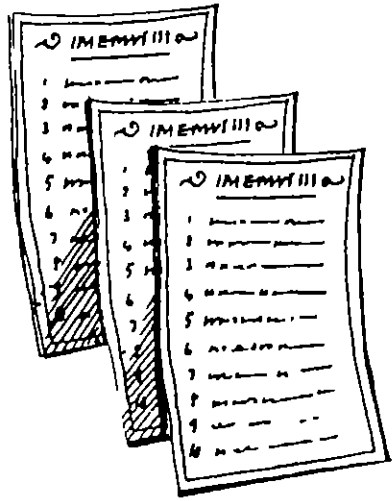


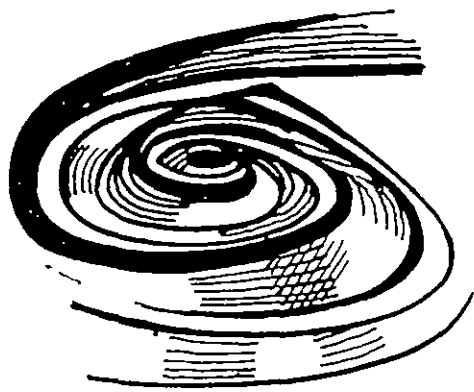
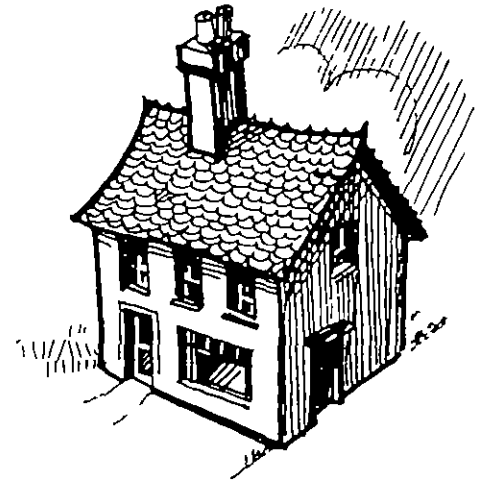
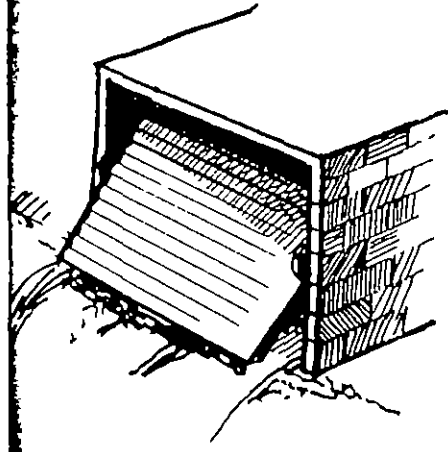


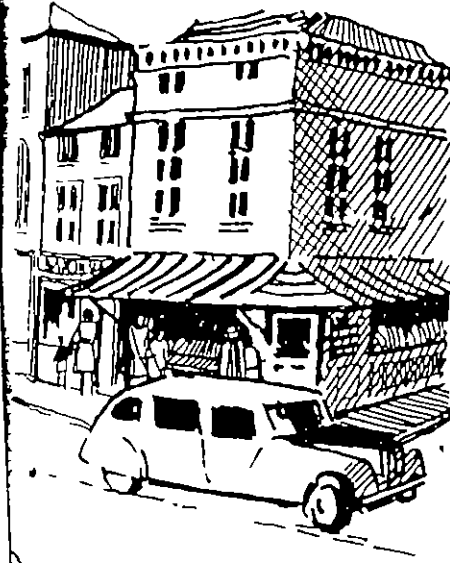
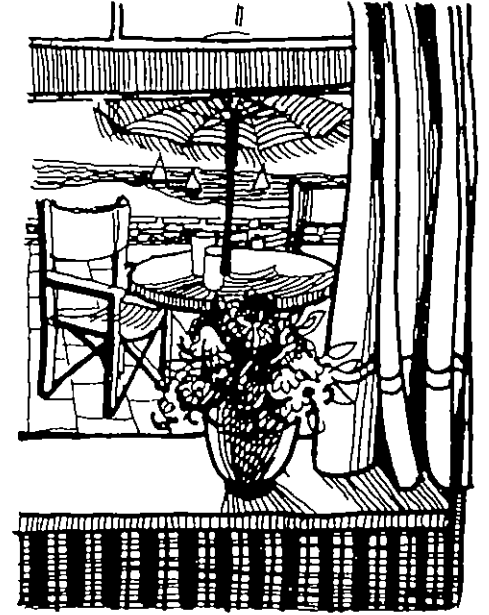
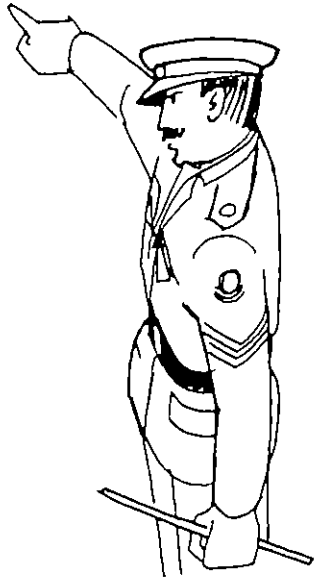




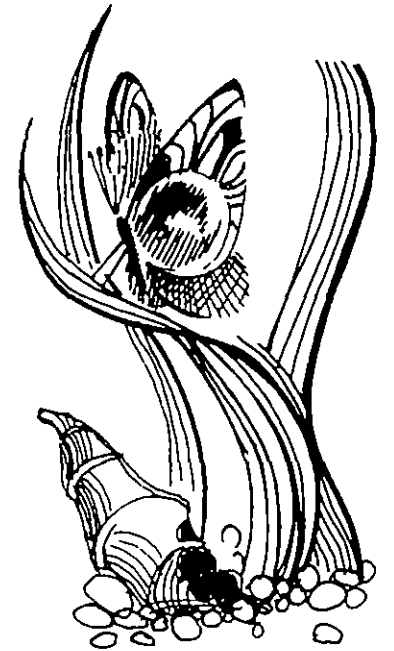
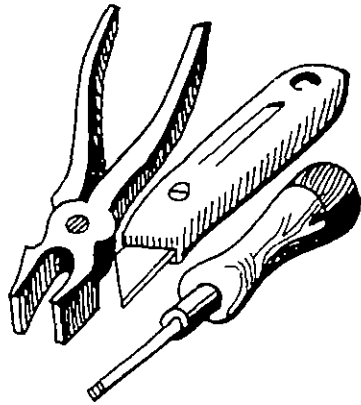
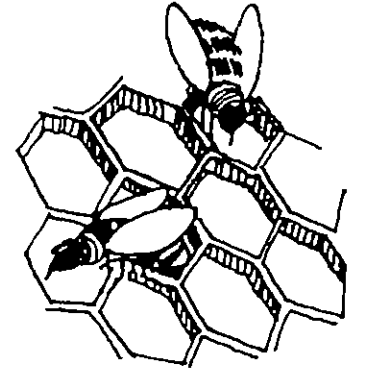
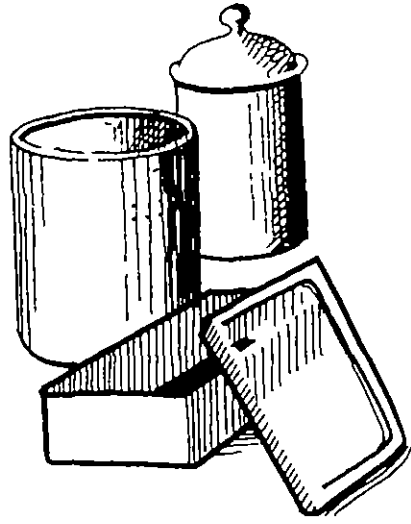
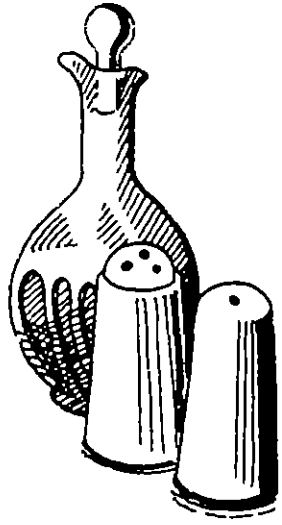


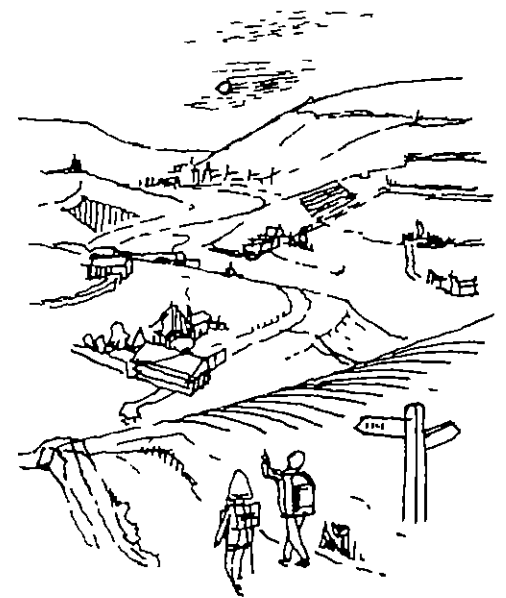
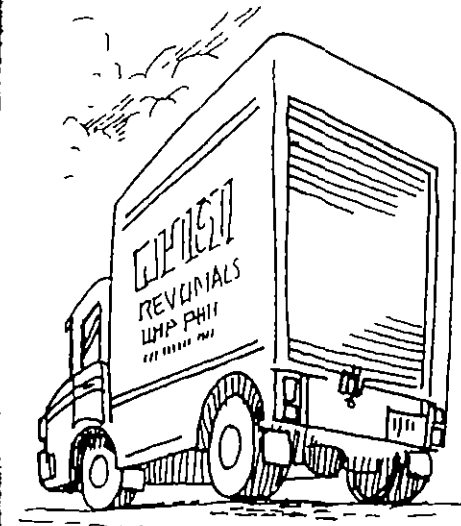
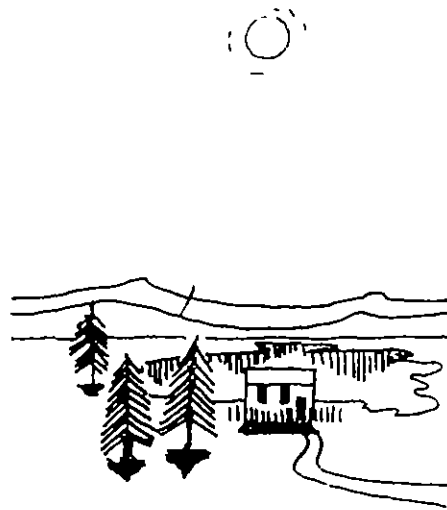
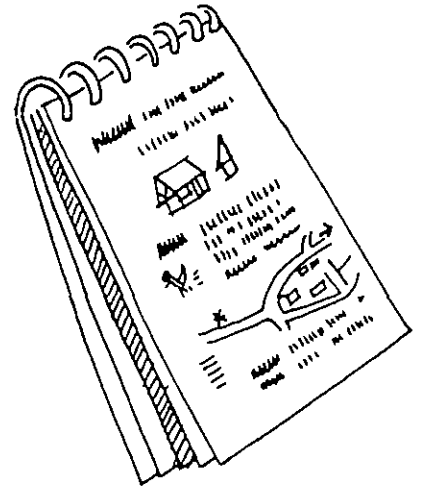
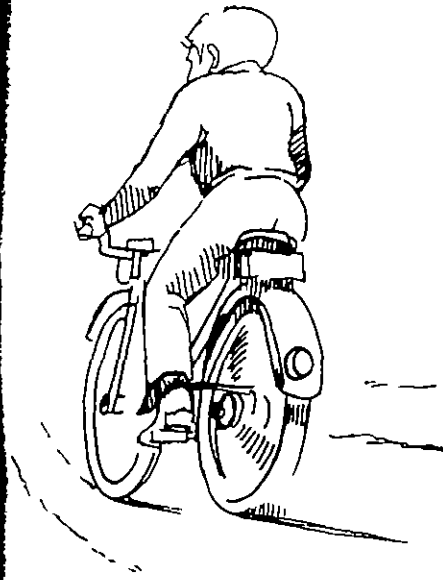
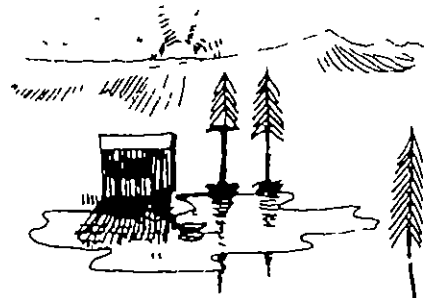
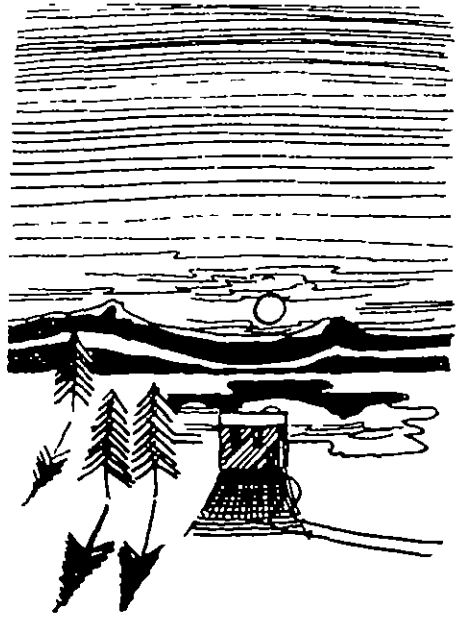


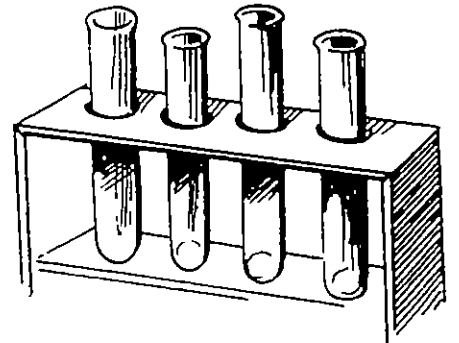
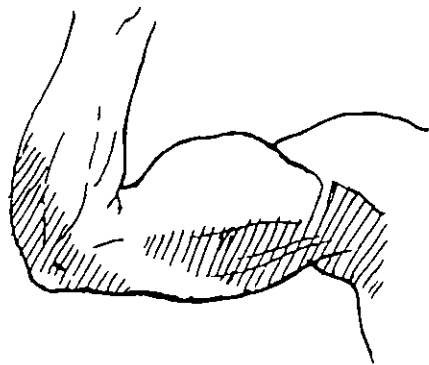
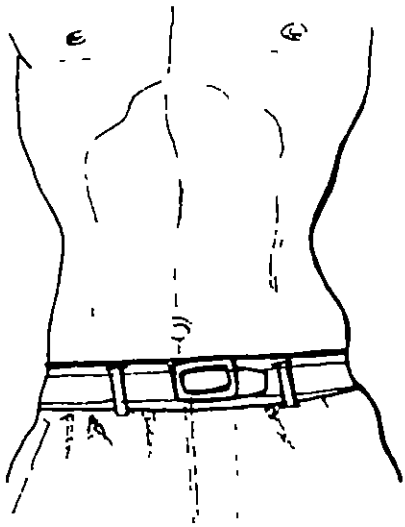
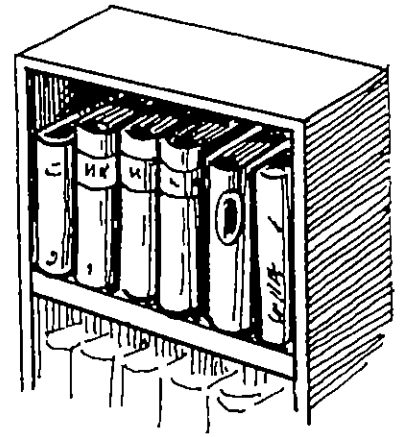
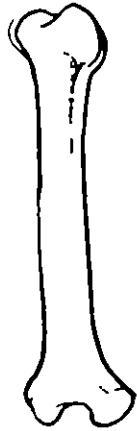
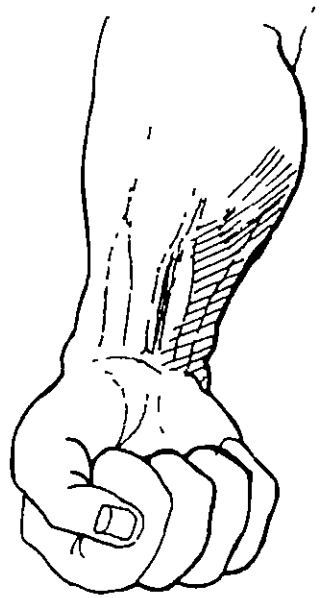


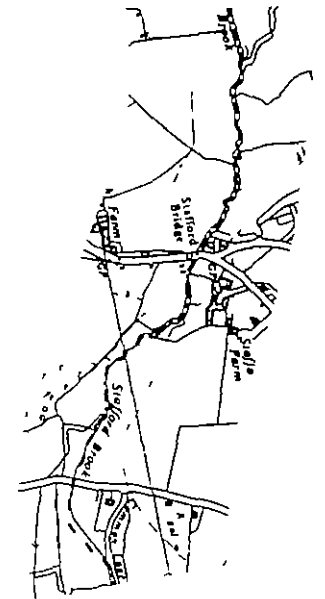
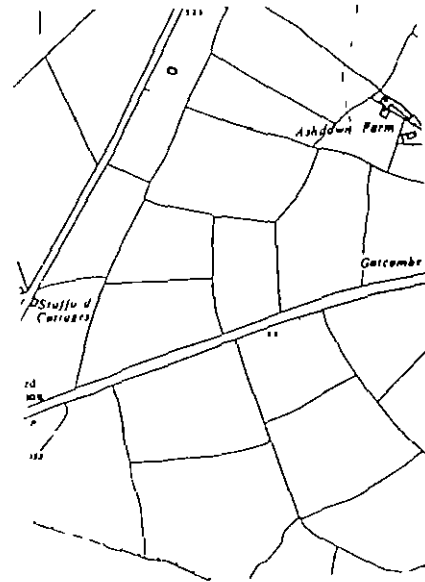
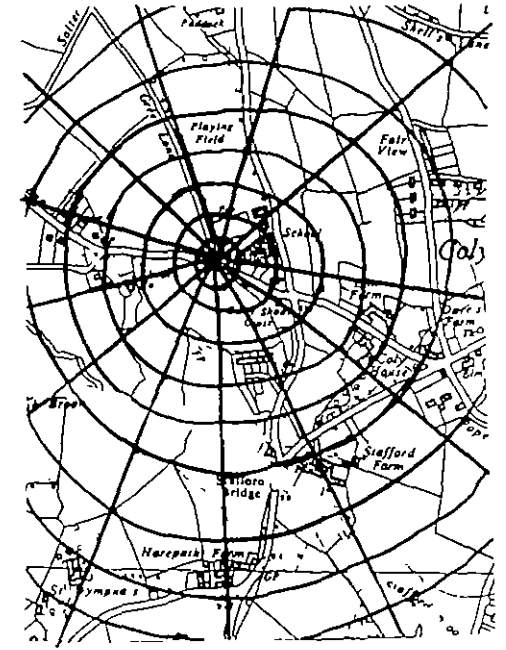
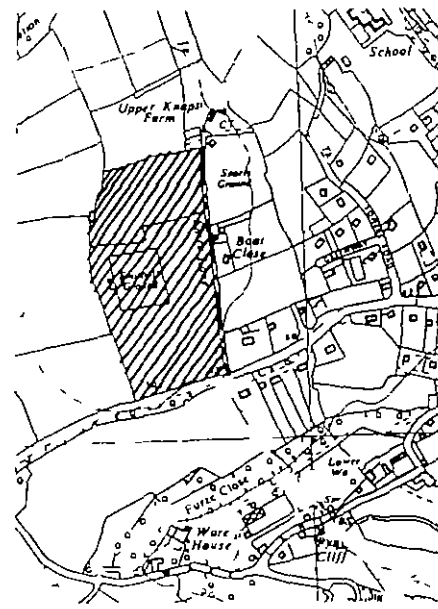
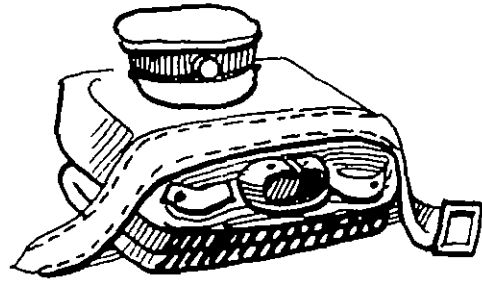
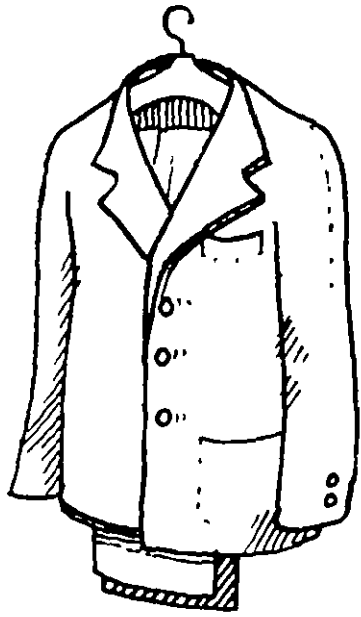




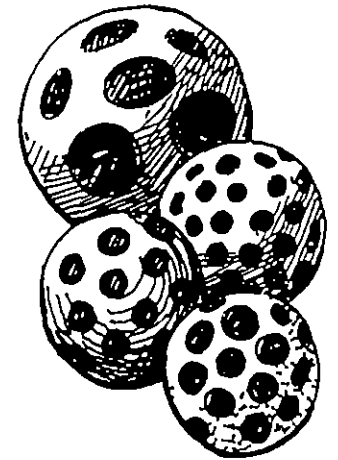
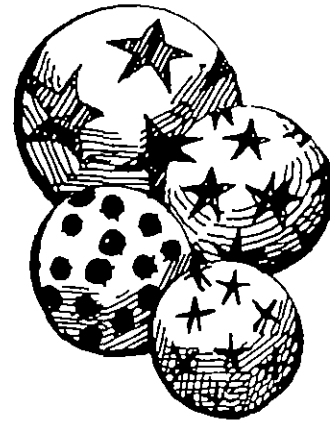
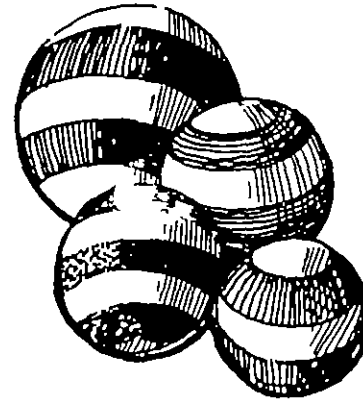


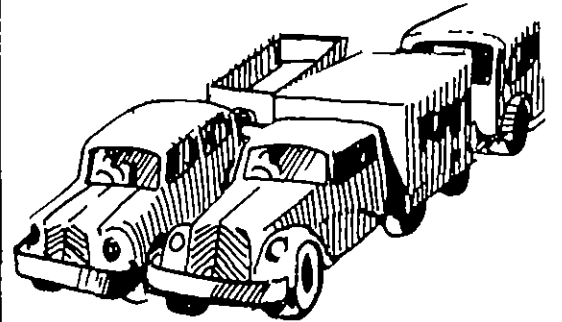
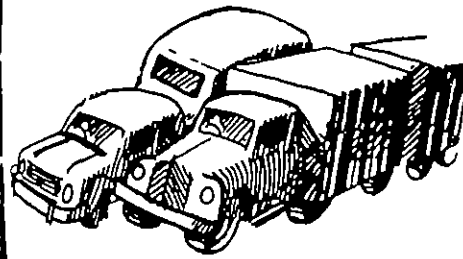
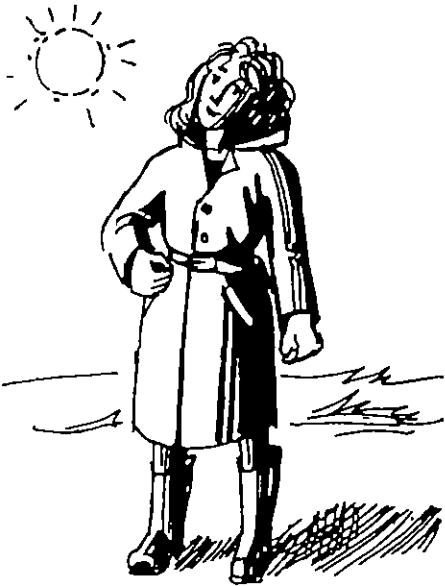
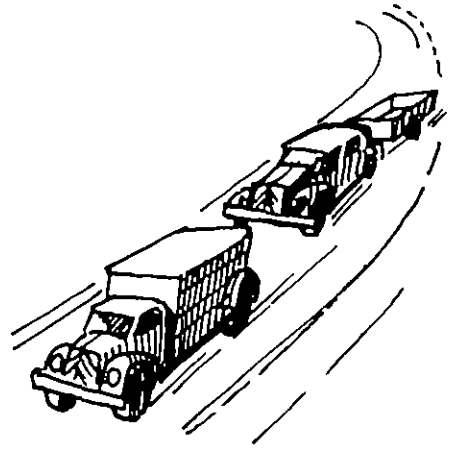
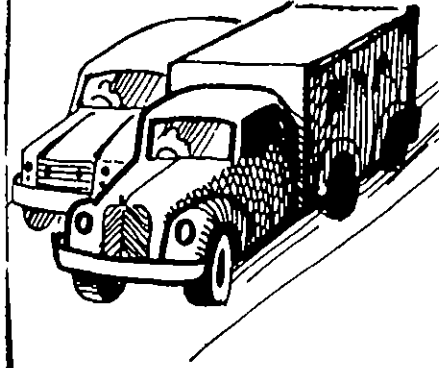


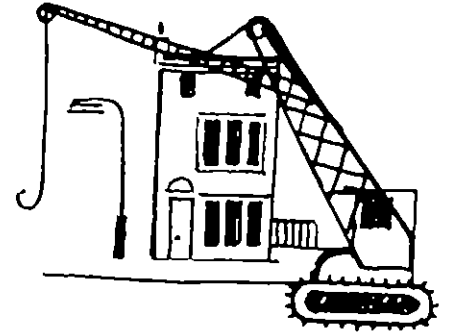
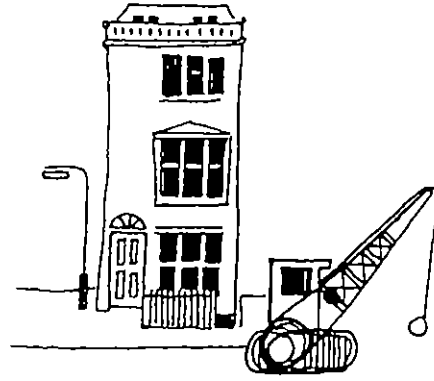
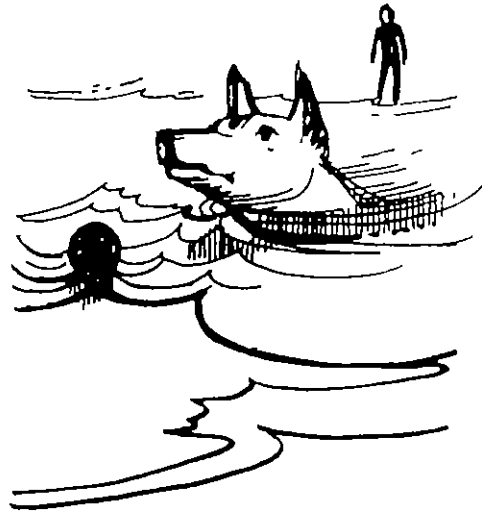




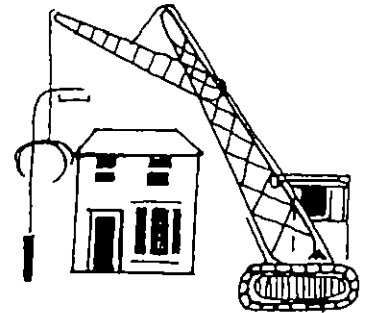
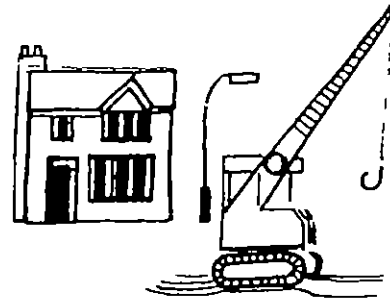




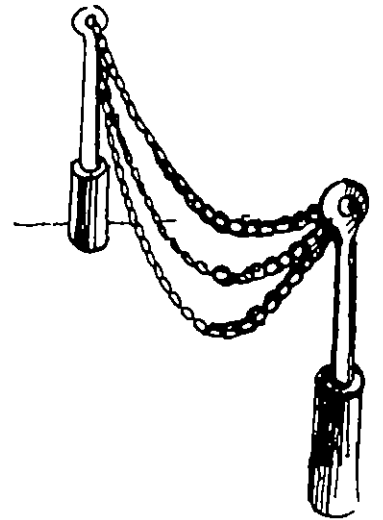
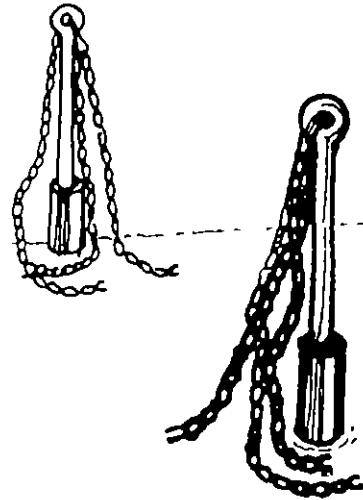
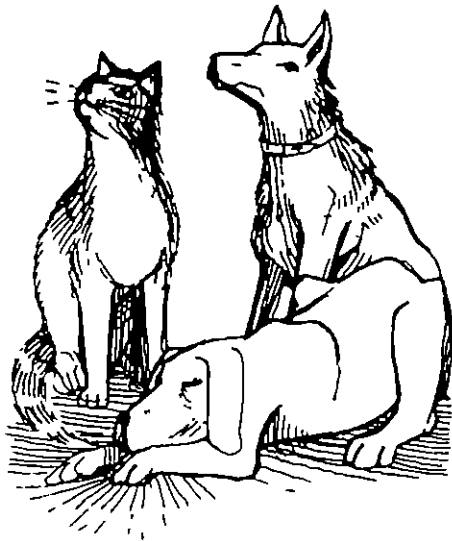
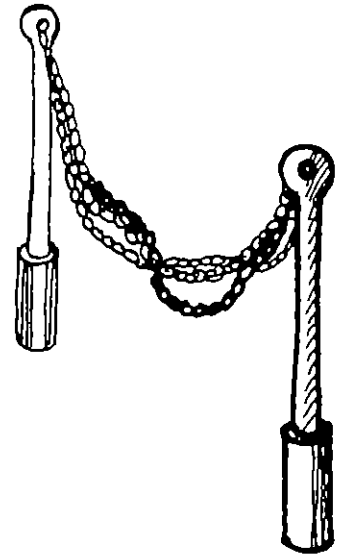
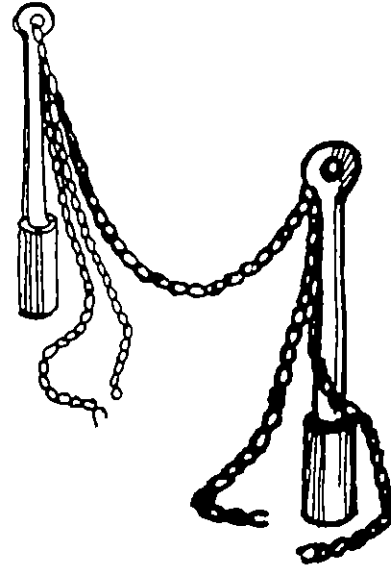
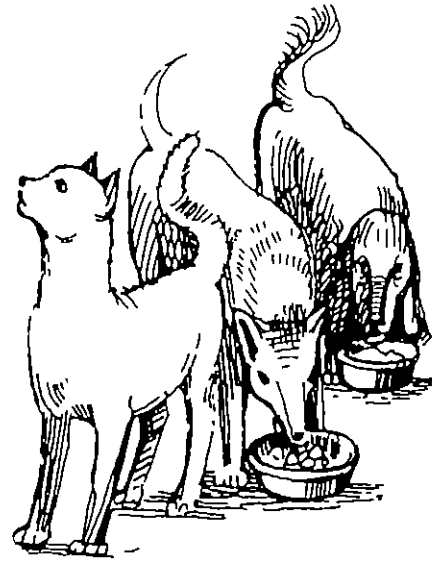


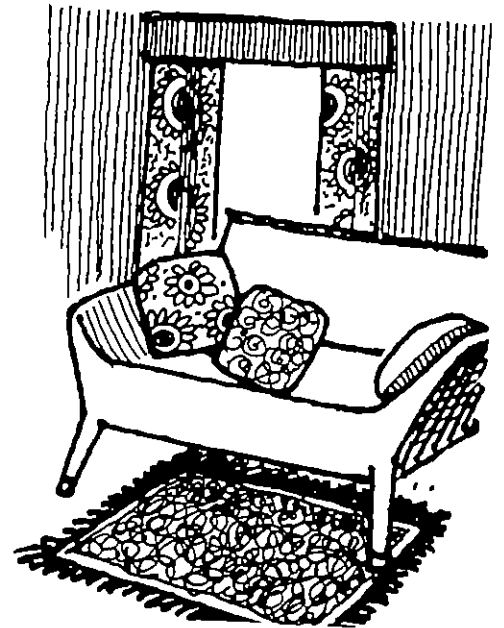
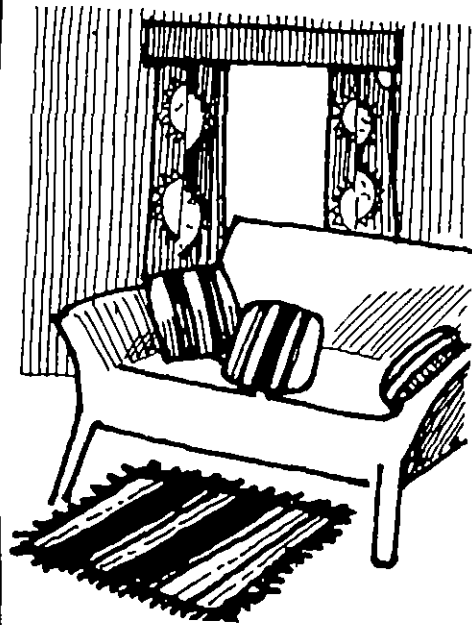
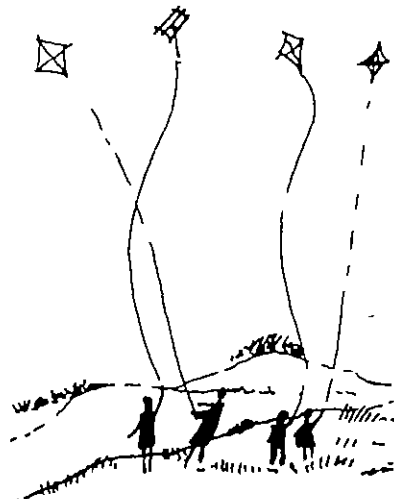
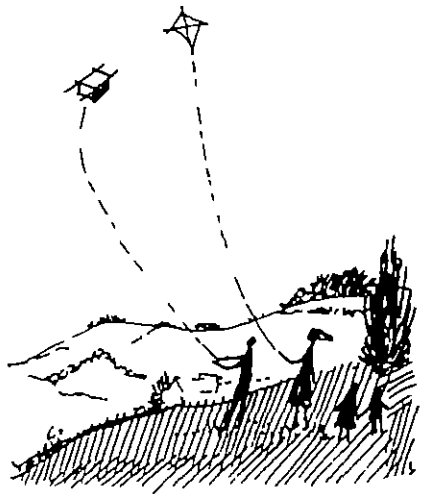
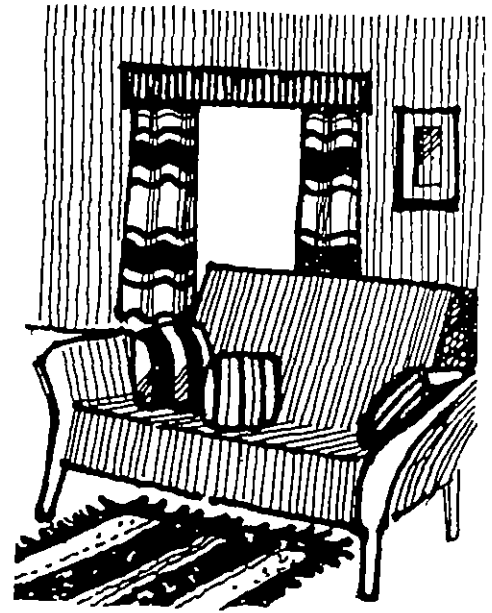
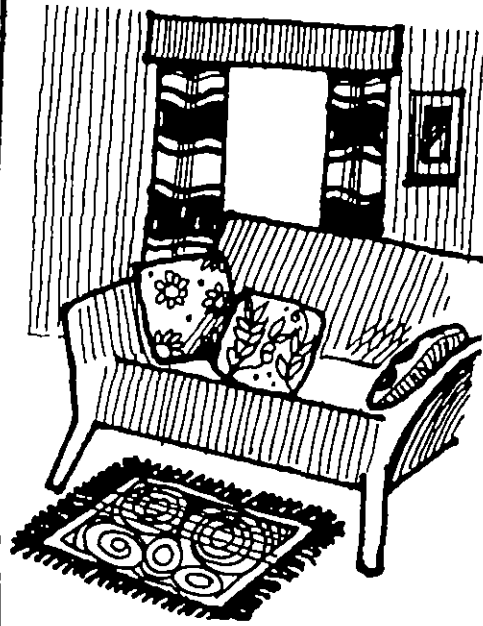
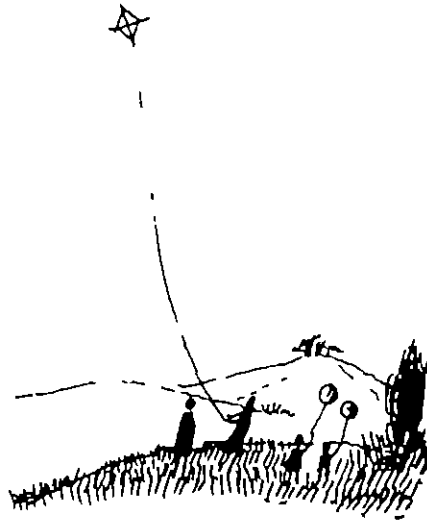
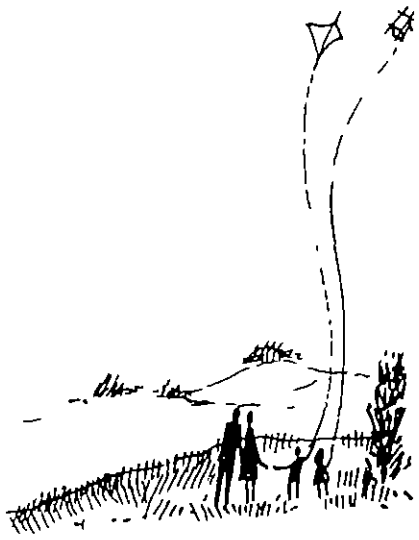


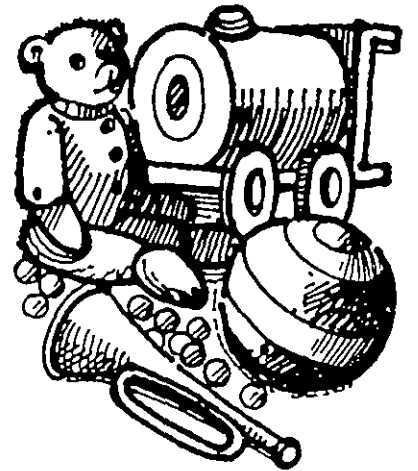
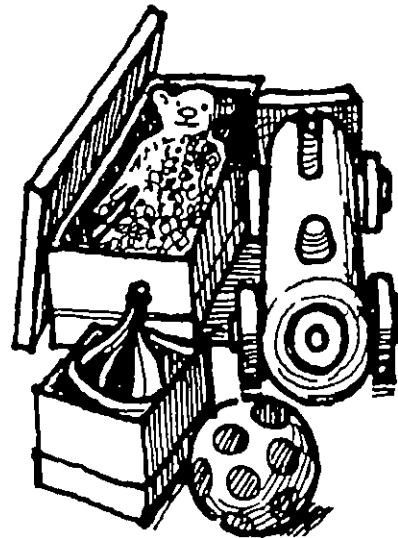
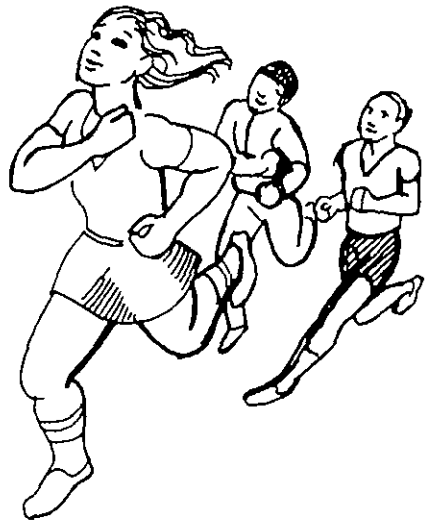
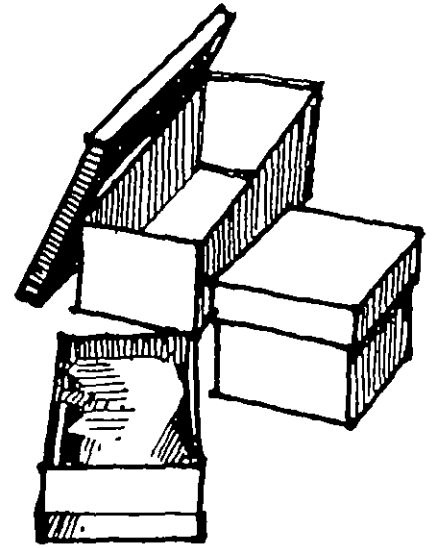
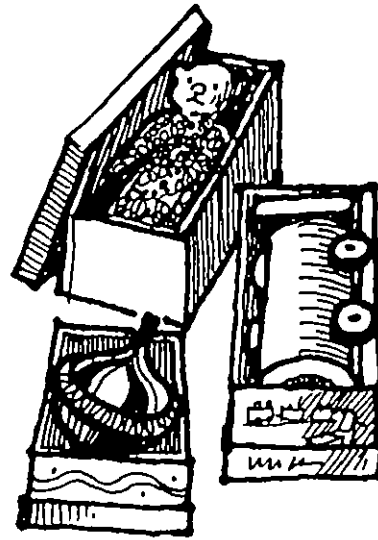
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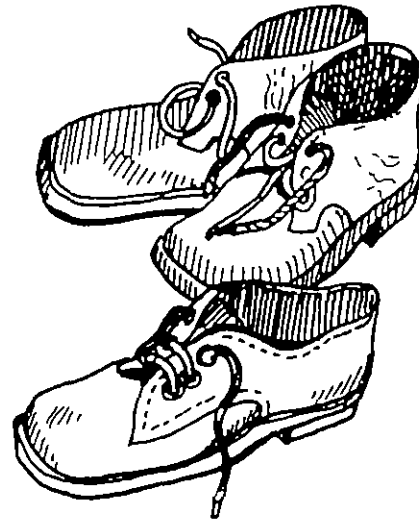
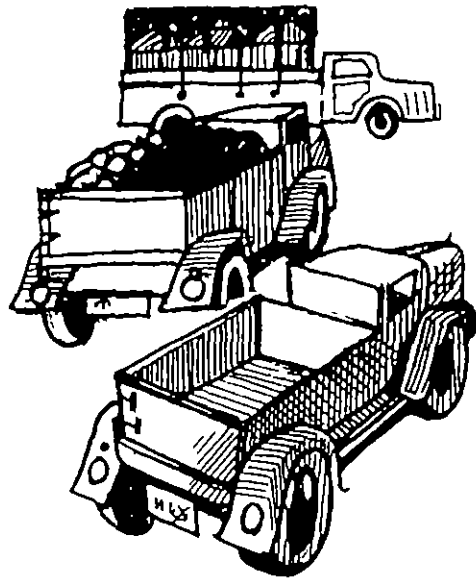
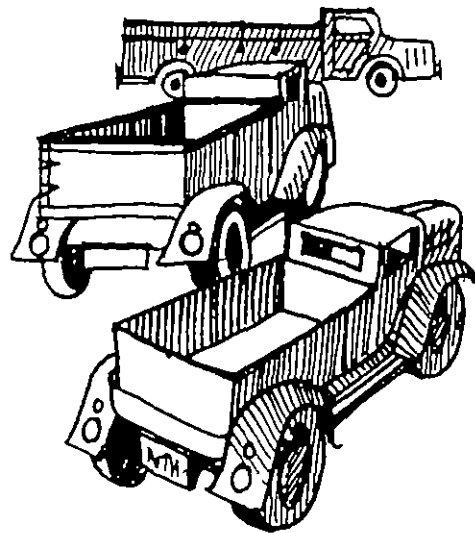
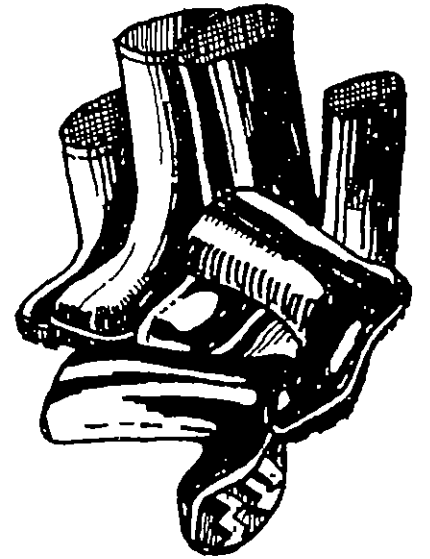
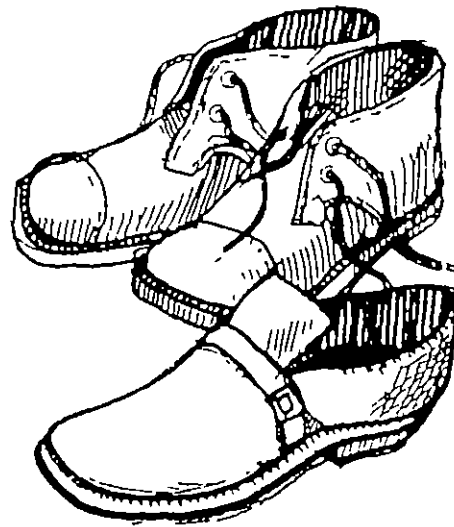
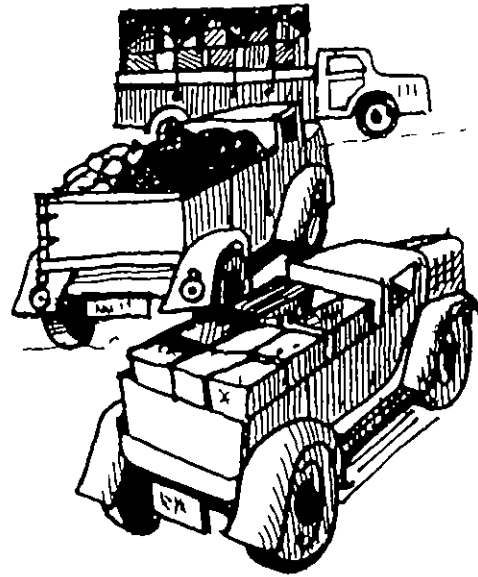
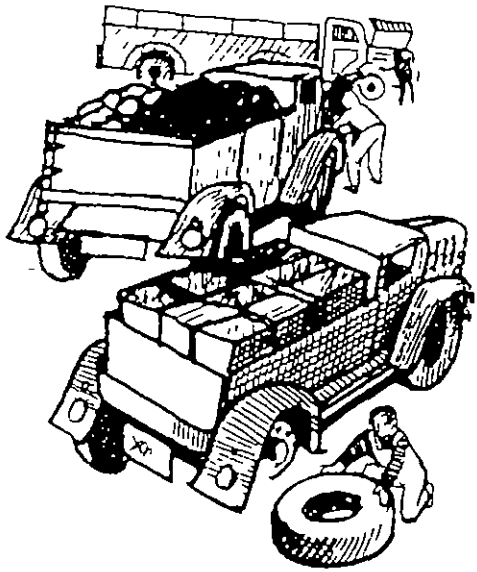


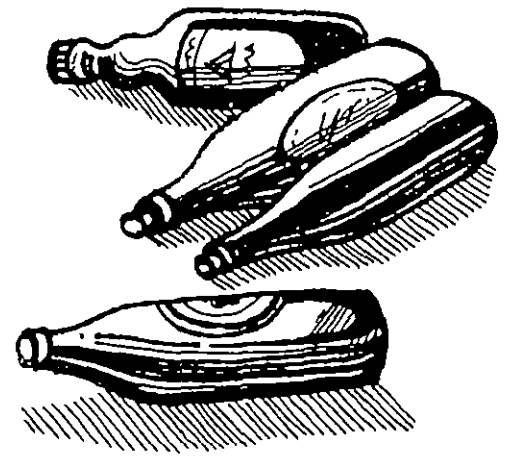
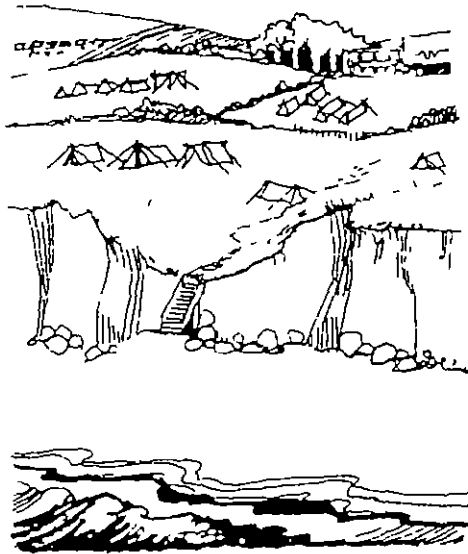
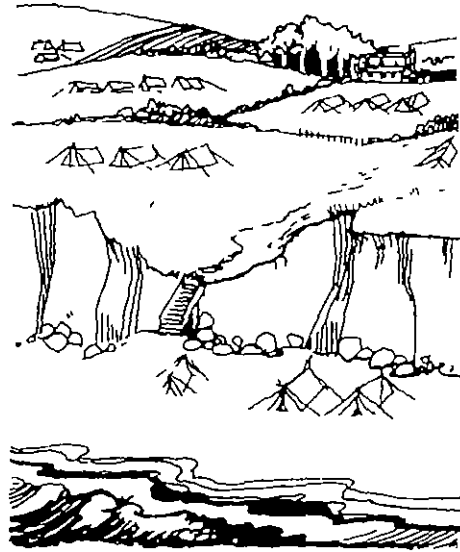
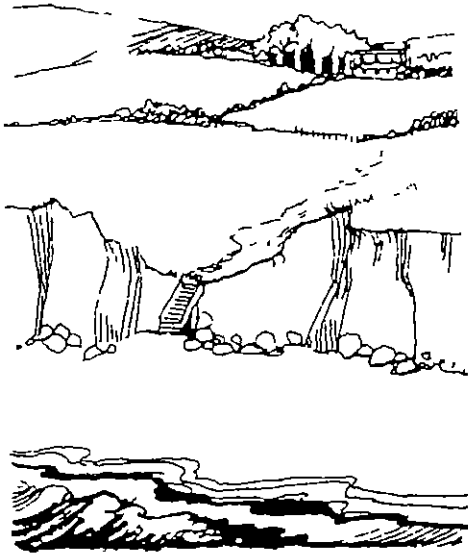




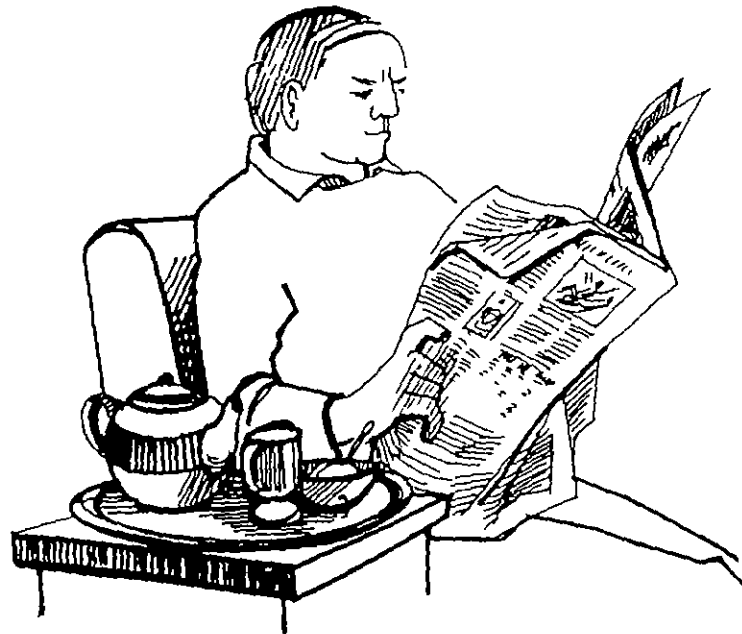
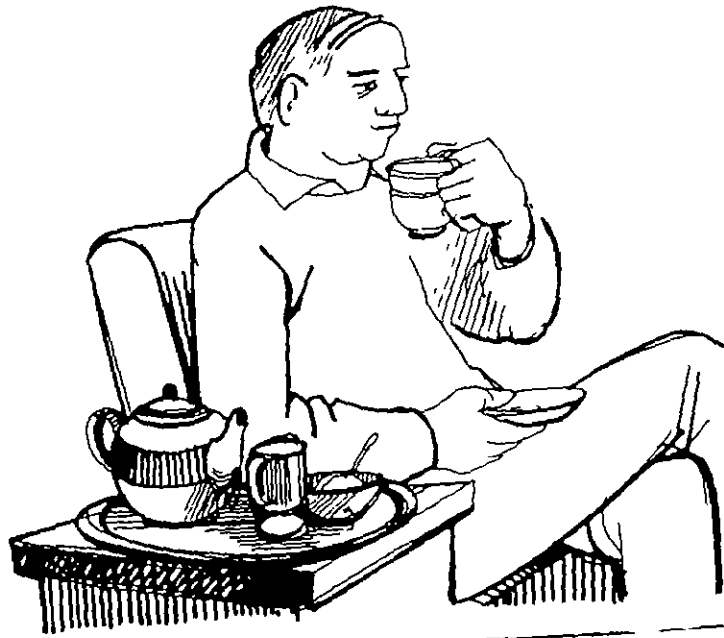


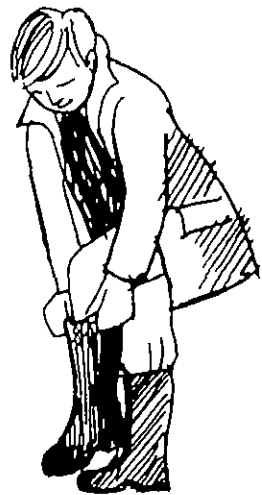
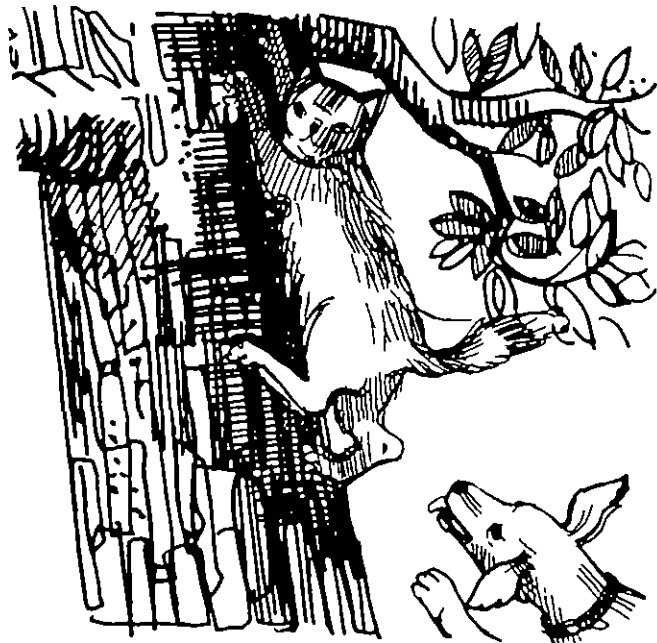
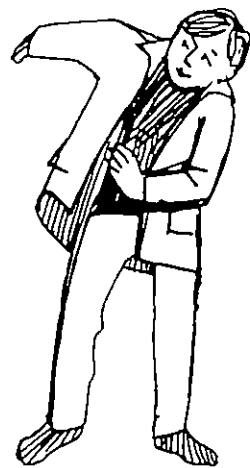
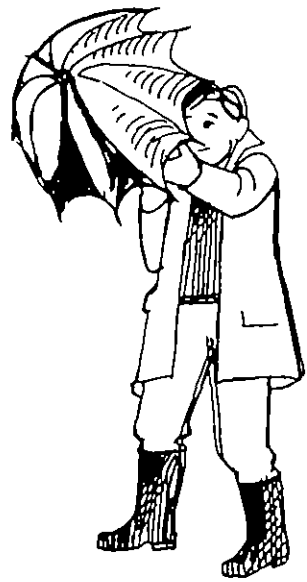
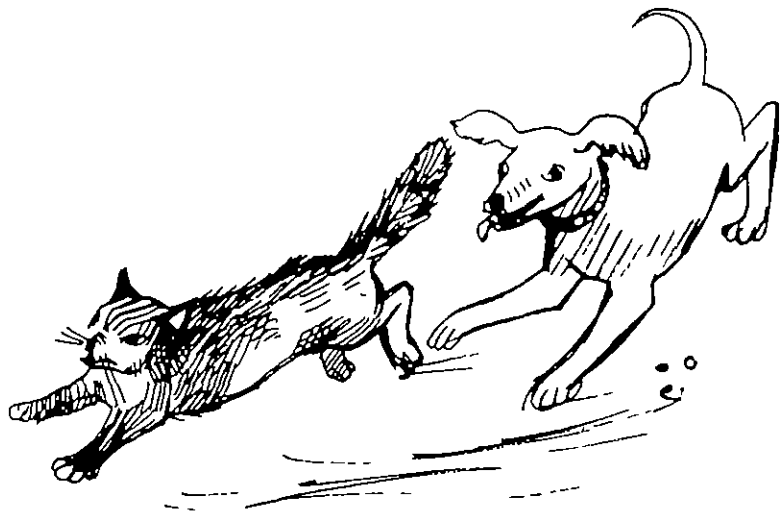


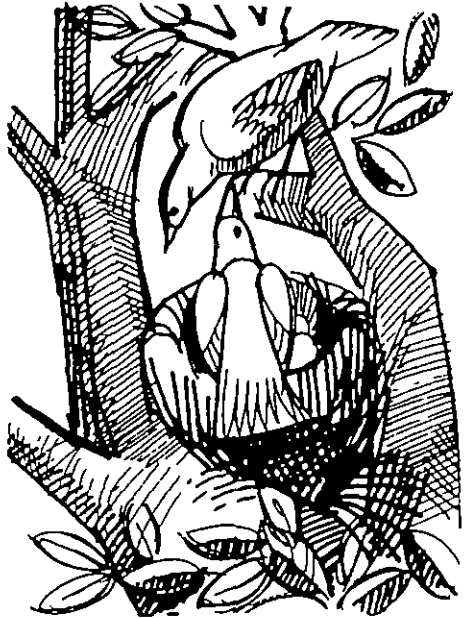
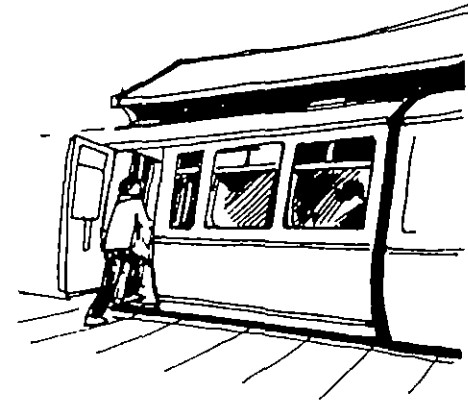




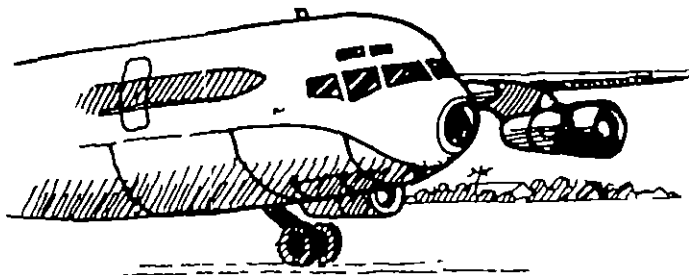
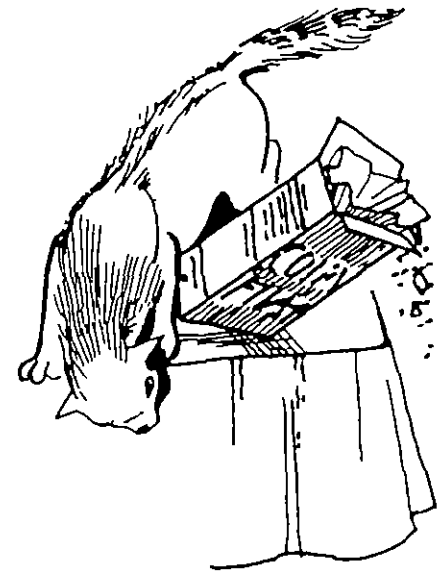
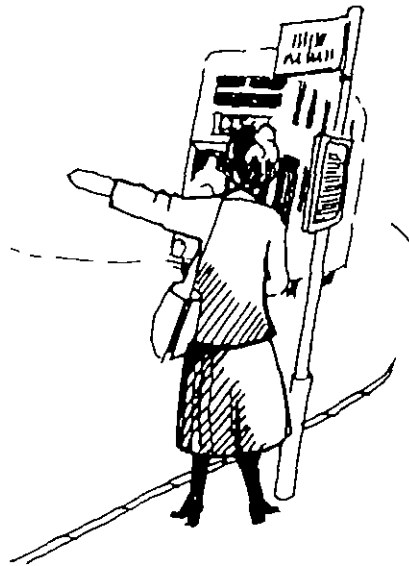
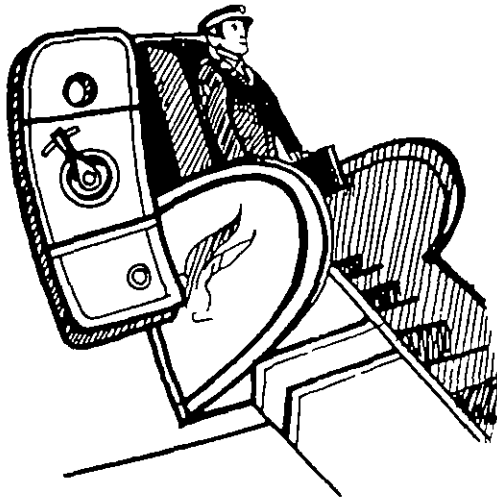
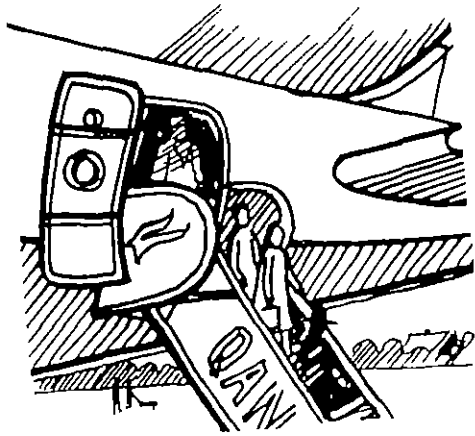
Sequence Items

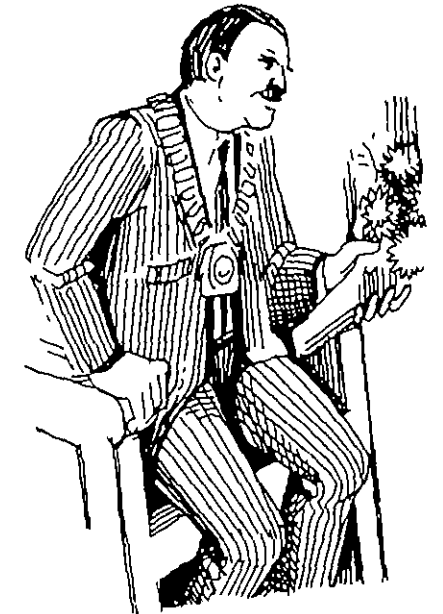
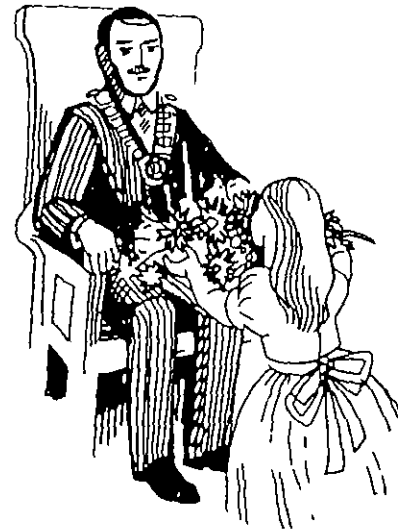
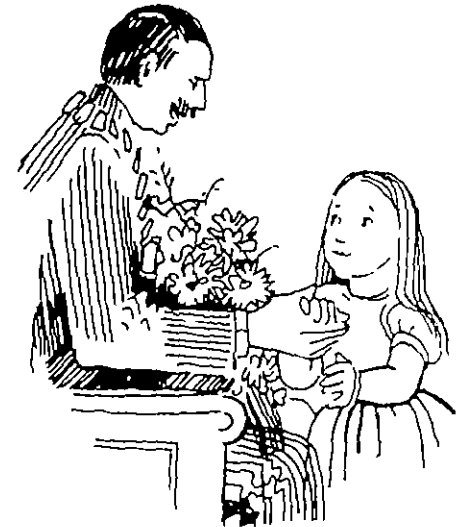
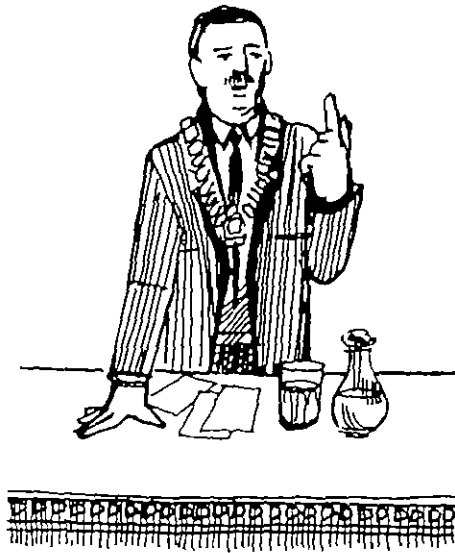


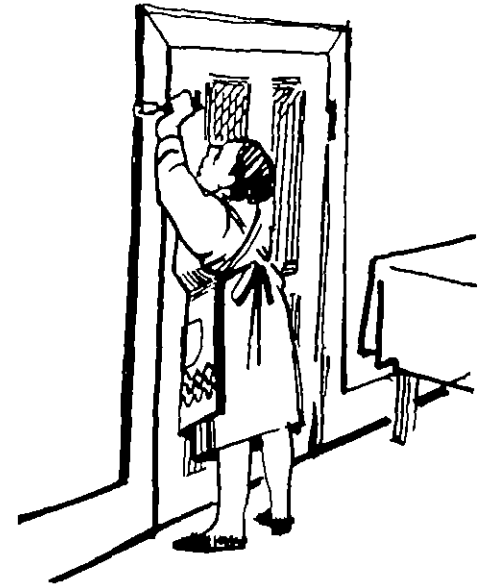
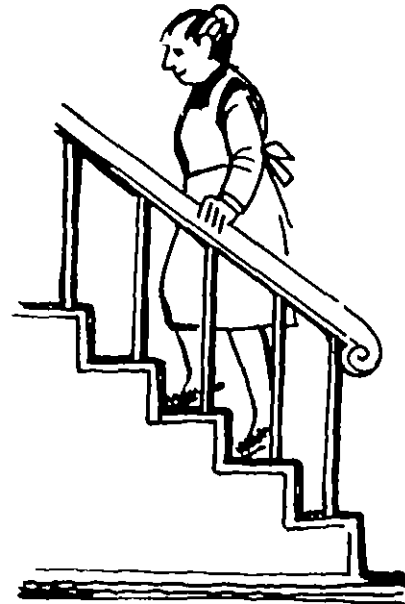
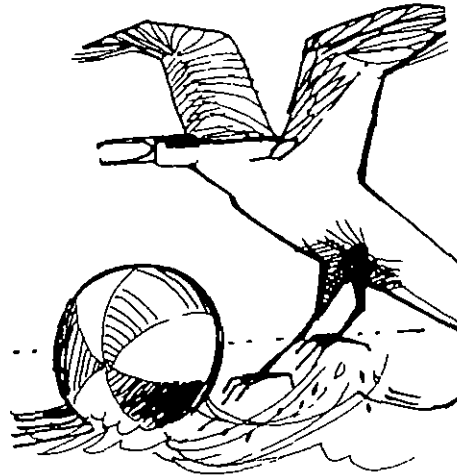
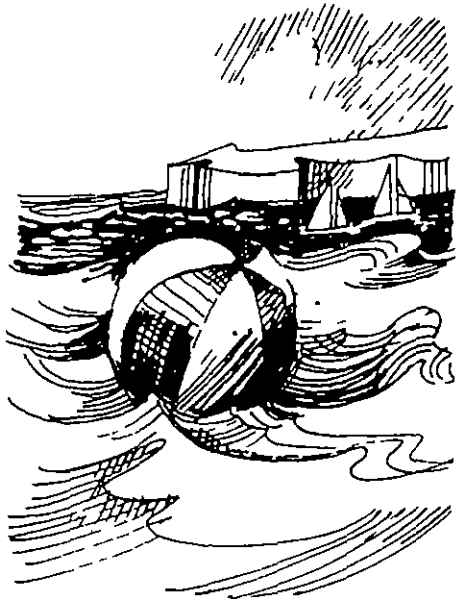
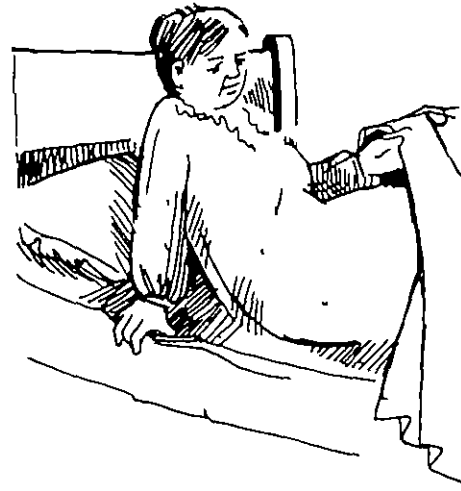
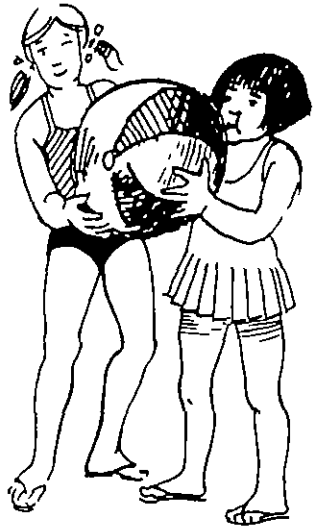


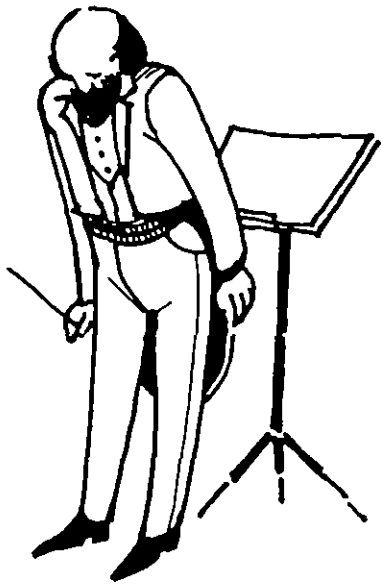




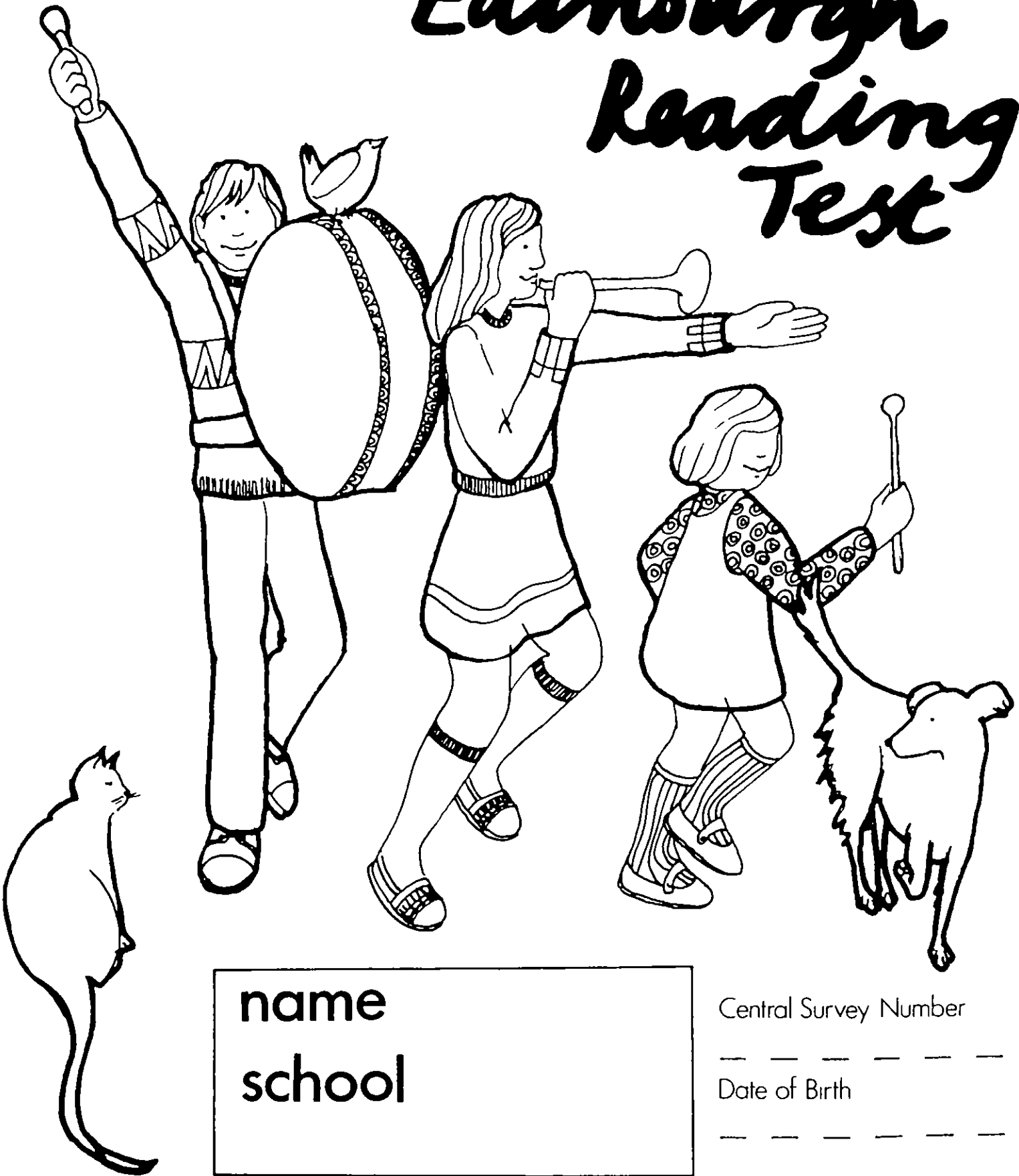








3723  
*The Shortened  
Edinburgh  
Reading  
Test*



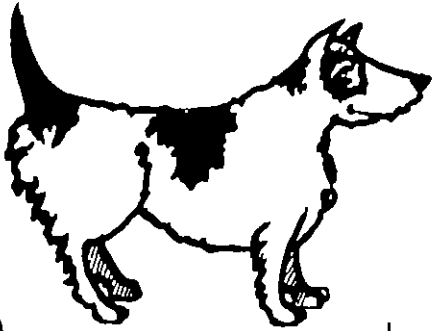
**name**  
**school**

Central Survey Number  
\_\_\_\_\_  
Date of Birth  
\_\_\_\_\_  
\_\_\_\_\_

(EXAMPLE)

pod

god



dog

bog

repeat

teardrop



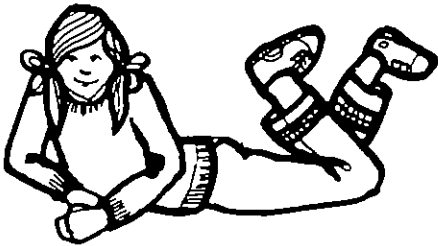
teapot

tiptoe

I3003

girl

pint



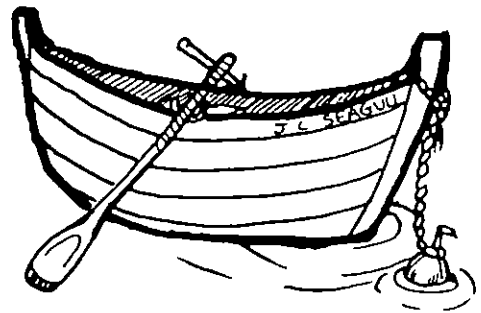
grill

give

I3004

boat

board



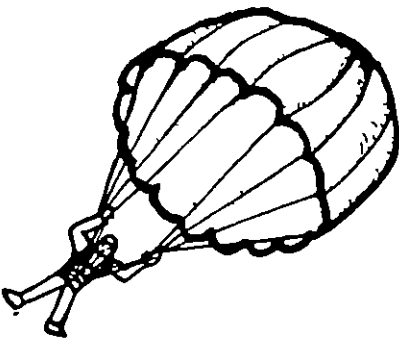
boot

goat

I3005

paragraph

parachute



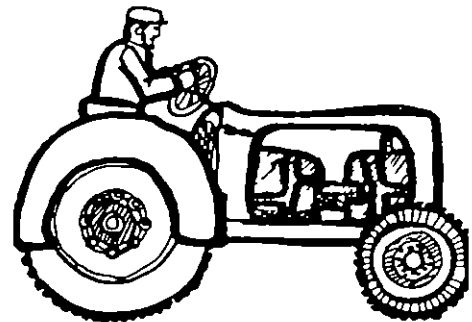
persecute

bargain

I3006

traitor

actor



tractor

trade

I3007

(EXAMPLE)

Why are you ~~been~~ late?

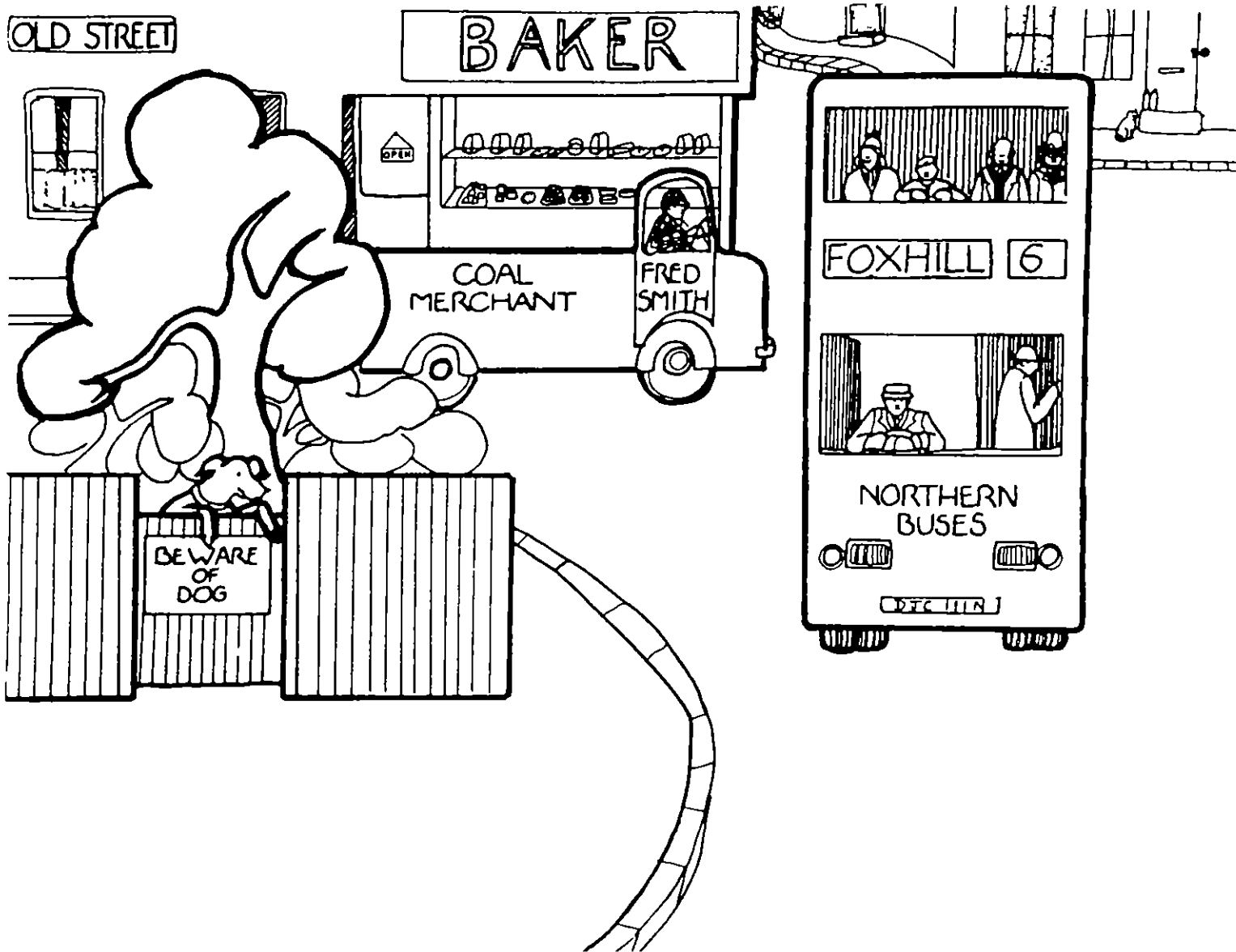
- I3008 1 Philip borrowed off my bicycle
- I3009 2 In the summer, we play in out the park
- I3010 3 I have just been on away holiday
- I3011 4 Why are your nose feet dirty?
- I3012 5 Give your ball needs blowing up
- 

(EXAMPLE)

Do you feel all right?

- |   |                            |       |   |   |   |   |          |
|---|----------------------------|-------|---|---|---|---|----------|
|   |                            |       | A | B | C | D | <b>E</b> |
| 1 | How did you get so wet?    | I3013 | A | B | C | D |          |
| 2 | What were you doing there? | I3014 | A | B | C | D |          |
| 3 | You smell dreadful         | I3015 | A | B | C | D |          |
| 4 | Would you like a bath?     | I3016 | A | B | C | D |          |

- A Yes, so does the pond
- B I fell in the pond
- C No thank you, I'll go home and have one
- D Fishing for tadpoles
- E I feel very cold



- |    |   |              |
|----|---|--------------|
| 1  | Where is the bus going?                     | ( I3017. )   |
| 2  | What does the shop sell?                    | ( I3018 )    |
| 3. | What is the name of the street you can see? | (..I3019 )   |
| 4  | What is the name of the bus company?        | ( I3020 .. ) |
| 5  | What kind of shop can you see?              | (.I3021... ) |



These sentences are about seven people. Their names are A, B, C, and so on. From what you are told in these sentences, fill in the brackets at the side. Write the correct person's letter in each bracket. There will be two letters that you do not use.

- |  |   |                           |         |
|--|---|---------------------------|---------|
| The news came as a great surprise to A | 1 | Who felt <u>annoyed</u> ? | (I3022) |
| The news was what B had expected       | 2 | Who felt <u>amused</u> ?  | (I3023) |
| C found the news frightening           | 3 | Who felt <u>amazed</u> ?  | (I3024) |
| The news made D feel cross             | 4 | Who felt <u>afraid</u> ?  | (I3025) |
| To E, the news was worrying            | 5 | Who felt <u>ashamed</u> ? | (I3026) |
| F thought the news was funny           |   |                           |         |
| G felt guilty when he heard the news   |   |                           |         |
- 

Read each of these sentences carefully. In each one, see if you know or can find the meaning of the hard word which is underlined. Look in the list below for an easier word to go in its place, and write it in the brackets at the end of the sentence.

- 1 She managed to reduce the amount she spent each week (cut I3027 )
- 2 As he was speaking, someone interrupted with an angry remark (cut I3028 )
- 3 The village was isolated by heavy falls of snow (cut I3029 )
- 4 Time was short, so we had to exclude a visit to London (cut I3030 )

cut open    cut off

cut out    cut away

cut down    cut in

**Read this carefully**

Just outside our window, a little old man was searching the gutter for some lost object. He kept stooping and peering about, kicking over leaves and papers and pieces of gravel, whatever he was looking for must have been quite small. We were on the point of going downstairs to help him when he seemed to decide to give up. He shrugged his shoulders and went away without so much as a backward glance, so probably the object of his search was small in value as well as in size.

The next sentences are about what you have just read.

Underline the part in the brackets that gives the correct ending to each sentence

- 1 We are told that the old man was looking for (something | papers | nothing | money | anything) I3031
- 2 The last sentence tells us that the old man (realised that he was being watched | suddenly found what he had lost | kept looking back as he went away | gave up because his back was aching | seemed not to care any more) I3032
- 3 From reading this story, we learn most about (the lost object | the street gutter | what the old man did | what the people at the window did | the person telling the story) I3033
- 4 We know that the people watching were at an upstairs window because (they could not see the object either | the story says they were going down to help | the story says it was an upstairs window | the man looked little from that distance | the man went away before they could reach him) I3034
- 5 When the old man stopped searching, the people who had watched him were (already on their way to help him | wishing they could do something to help | wondering whether or not he wanted help | just about to go and help him | sorry they had been so slow to help) I 3035

Read this poster carefully. See if you can remember what it tells you, so that you will be able to answer questions about it WITHOUT LOOKING BACK at this page.

GROVES THE STATIONERS

are happy to inform their customers

that they will be opening another shop at the end of May

This new branch, at 26 Gold Street, will contain

the following departments

Ground Floor Stationery — a wide range of goods

First Floor Books

Second Floor Records

Hours of opening will be from 9 15 a m to 5 30 p m  
on Mondays, Tuesdays, Wednesdays, and Fridays,  
from 9 15 a m to 1 p m on Thursdays and Saturdays

---

DO NOT TURN OVER UNTIL YOU ARE TOLD

**These questions are about what you read on the other page. Answer them, WITHOUT TURNING BACK, by writing the correct word, or the correct number, in each space.**

- 1 Another shop is to be opened by I3036 the Stationers
- 2 The date of opening will be at the end of I3037
- 3 On the Second Floor, there will be a I3038 Department
- 4 The Department with a wide range of goods will be on the I3039 Floor
- 5 The new branch will open daily at I3040 a m
- 6 On Saturdays, it will close at I3041 p m
- 7 It will close at the same time on I3042
- 8 On the other weekdays, it will close at I3043 p m

Show that you understand the meanings of the words underlined in this passage by doing the exercise below.

John confirmed that the money was in his pocket and hurried on his way. He was heading straight for the toyshop. Since the model police car had first appeared on display, John had been unable to pass the window without staring in, picturing to himself the innumerable criminals the miniature policemen could apprehend. The price was one pound, and initially John had been totally discouraged.

But then, three weeks later, he had an incredible stroke of luck. An aunt came to visit them and presented him with twenty-five pence. Then he earned money for working in a neighbour's garden and was promised further remuneration for performing similar tasks. Now he had his pound.

Underline the part in the brackets which is closest in meaning to what is underlined in the passage above.

- 1 John  
(suddenly noticed that | wondered if | remembered that | made sure that)  
the money was in his pocket as he made his way to the toyshop I 3044
- 2 Since the model car had been put in the window, he had often  
(counted | imagined | watched | dreamt about) I 3045  
the large number of criminals which the
- 3 (clever | daring | tiny | imaginary) I 3046  
policemen could
- 4 (arrest | chase | caution | charge) I 3047
- 5 But the high price had (usually | definitely | at first | for a long time) I 3048  
made John
- 6 (utterly dissatisfied | completely disheartened | extremely despondent | I 3049  
| almost desperate)
- 7 However, he had an (instant | extreme | unbelievable | unexpected) I 3050  
piece of good fortune
- 8 His aunt gave him some money, then he was paid for a gardening job,  
and was promised I 3051  
(presents | compensation | refreshments | additional payments) for
- 9 (fulfilling other requests | carrying out work of the same sort | I 3052  
| obliging people | doing jobs of a different type)

**This passage has five parts and they are in the wrong order. Write A, B, C, D and E on the lines below to show the correct order.**

- A. Mary slipped out to a waiting boat and the boatman quickly rowed her across the water.
- B He unlocked the room where Mary was held prisoner
- C Mary was in prison in the castle which is on an island in the middle of the loch
- D On shore her soldiers met her with horses for the journey to safety
- E One night when the keepers had gone to bed a servant boy stole the keys of the castle

I3053  
 FIRST                  SECOND                  THIRD                  FOURTH                  FIFTH

**Now do the same with the five parts of this passage.**

- A The door opened slowly, suspiciously
- B "So this is your sister," she said "You may come in "
- C As she recognised Bobby, she opened the door wider, and we could see her properly
- D My heart stood still as we heard the key being turned in the lock and the bolt being withdrawn
- E At first we could only see a small part of Mrs Newman, a black shadow, with a white peering face

I3054  
 FIRST                  SECOND                  THIRD                  FOURTH                  FIFTH

**Read this passage Find out what the different people think about travelling into a city. Then do the exercise below**

Mr Archer "If you travel by car you have the parking problem when you arrive There is no such problem when you use public transport You don't have to park the bus "

Miss Bruce "But if you travel by bus, you have to queue at the stop Queuing is so frustrating—if you are first in the queue, your bus is often the last to arrive."

Mrs Cross "Your troubles are only beginning if you do get your foot on a bus If you are a man you must offer your seat to a lady, even if she is young and healthy; and she must accept your offer, however ridiculous it may be "

Miss Duncan "The manners of car-drivers in town are infuriating Their lack of consideration causes many accidents You seldom see a bus involved in an accident Travel to town by bus and reduce the amount of traffic on the city roads "

Mr Edwards "If you value your comfort and the time you save, go by car It's almost as cheap to use your own car, too "

**Who is the most likely to make each of the following remarks?  
Put a ring round A or B or C or D or E to show your choice.**

	<u>Mr</u> <u>Archer</u>	<u>Miss</u> <u>Bruce</u>	<u>Mrs</u> <u>Cross</u>	<u>Miss</u> <u>Duncan</u>	<u>Mr</u> <u>Edwards</u>
1 "Driving a car in town is a dangerous undertaking "	I3055 A	B	C	D	E
2 "There's no problem about parking if you go by bus "	I3056 A	B	C	D	E
3 "It is difficult to decide how to behave to other passengers "	I3057 A	B	C	D	E
4 "People who arrive at the stop earliest often have to wait longest "	I3058 A	B	C	D	E
5 "There is little difference between the costs of travelling by public transport and by private car "	I3059 A	B	C	D	E
6 "If more people took the bus to town the roads would be less congested "	I3060 A	B	C	D	E
7 "A journey in a crowded bus is often embarrassing "	I3061 A	B	C	D	E
8 "Car drivers should be more courteous "	I3062 A	B	C	D	E

**Read this passage, then decide how each item should be completed to reproduce the sense of the passage. Underline the best completion**

I locked the door, knowing it would hold my pursuers for a few moments, and attempted to open the window. It would not budge. Sheer blind panic seized my mind as the panels splintered, but then my fingers found the catch, the window opened, and I was breathing the cold air. There was a deafening blast, and something struck my shoulder, pushing me off the ledge.

Had there not been a large rose bush below I would not have got up, for my fall was all arms and legs, naturally enough. As it was, I arose scratched and furious. My panic had gone completely, and I wished only to avenge myself on my attackers, for the idea of flight, which had previously obsessed me, had now left me entirely. I stood there with the snow melting on my knees, shaking my fist at my pursuers, who fortunately could not see me in the dark.

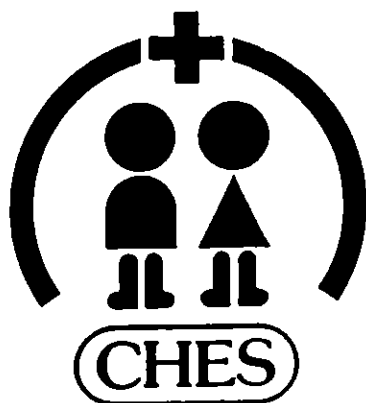
- 1 This passage describes (a kidnapping / a man's escape from attackers /  
/ police raiding a house / a murder) I3063
- 2 The man locked the door (to secure privacy / in a panic / I3064  
/ to keep his pursuers out of the house / to hinder his pursuers)
- 3 The window would not open because (he had not undone the catch /  
/ it was stuck / it was frozen / he had locked it) I3065
- 4 The 'deafening blast' (line 4) was probably (the door breaking down /  
/ the wind through the window / a gunshot / thunder) I3066
- 5 The result of the fall was to (injure him / make him forget his panic /  
/ wind him / make him panic) I3067
- 6 The action probably happened on a (summer day / summer night / winter day /  
/ winter night) I3068
- 7 When he fell from the window, the man (did not get up / ran away to find help /  
/ stood and shook his fist / was lost) I3069

*Coder Code I3070*

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University of Bristol

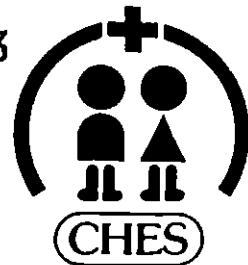
Ches Friendly Mathematics Test

Child Health and Education Study 1980.

Copyright 1979:

Department of Child Health Research Unit, University of Bristol.

Test authors: Colin Appleton, John Kerley. Artist: Sarah Braum.



What's this?...

... It's your very own

# friendly MATHS test

Central Survey Number .....

Name .....

Child's Birth Date .....

Date of Assessment *I2503/I2503M/I2503Y* (DD/MM/YY) ..

School... ..



what is  
one  
more than  
three?

- 1
- 4
- 2
- 5
- 3

I2504

What is the  
MISSING  
number? +

$$\begin{array}{r} 5 \\ ? \\ \hline 8 \end{array}$$

- 3
- 13
- 4
- 5
- 2

I2505



$$7 + 4$$

How  
many  
STARS  
altogether  
?

- 7
- 4
- 11
- 10
- 9

I2506

**Add**  $+ \begin{array}{r} 349 \\ \underline{63} \end{array}$

31012

323

412

421

283

I2507

**Take away**  $- \begin{array}{r} 5 \\ \underline{5} \end{array}$

$\frac{1}{2}$

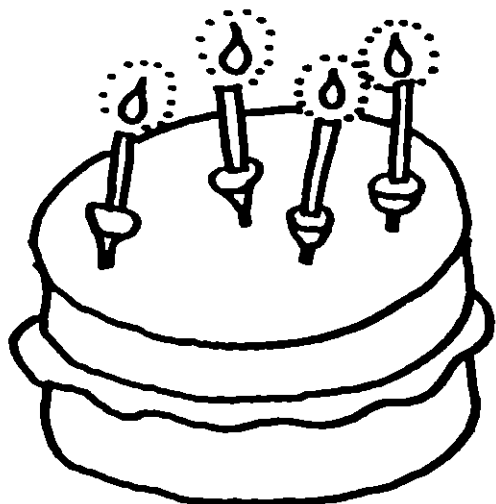
1

01

0

10

I2508



what is  
**ONE**  
less than  
**FOUR** ?

4

2

1

5

3

Take away

$$3 - 2$$

- 5
- 4
- 1
- 0
- 2

I2510

and  
another  
Take  
away

$$\begin{array}{r} 432 \\ - 36 \\ \hline \end{array}$$

- 476
- 396
- 404
- 424
- 372

I2511

What is the

M I S S I N G

number?

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

- none of these
- 5
- 2
- 3
- 8

  
**multiply**  $\times \underline{5}$   
**6**

11

30

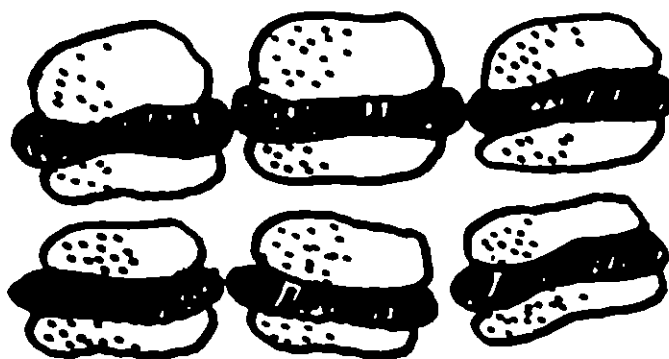
$\frac{5}{6}$

35

56

I2513

How many burgers?



$3 \div 6$

$6 - 2$

$2 \times 3$

$2 + 2$

$6 \div 2$

I2514

**multiply** **138**  
**again**  $\times \underline{7}$

916

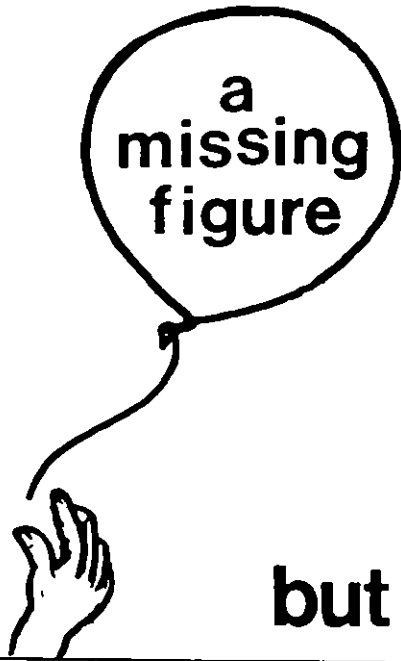
875

963

715

966

I2515



$$\begin{array}{r} 3? \\ \times 5 \\ \hline 185 \end{array}$$

but what is it ?

I2516

- 1
- 3
- 9
- 7
- 5

share

$$9 \div 3$$

- 6
- 4
- 27
- 3
- 12

I2517



I have a box of 48 icecreams in my freezer. If I only eat 8 a day, how many days will they last?

- 1
- 6
- 8
- 12
- 384



$$15 \overline{)80}$$

- 5
- 4 rem 10
- 6
- 5 rem 5
- 4

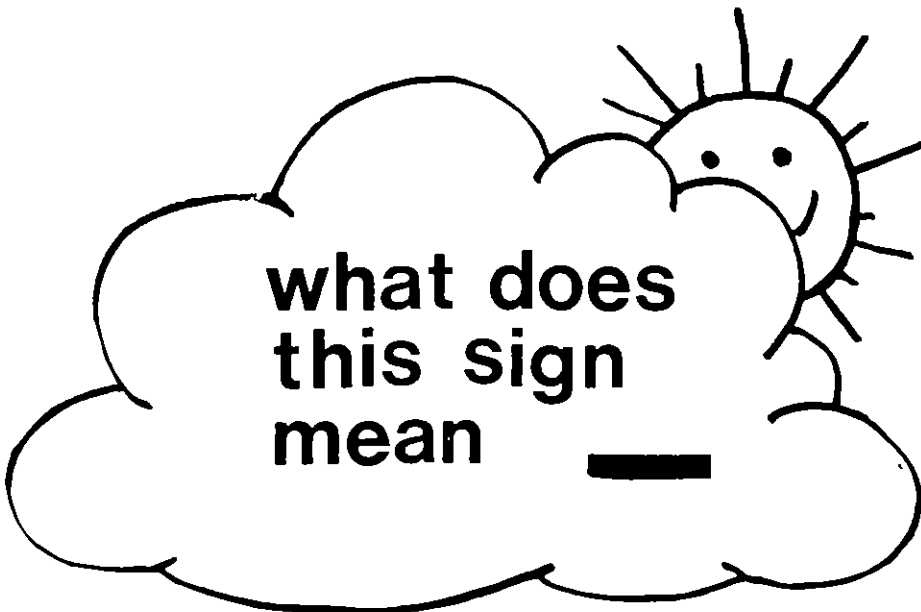
I2519

*I've left out a number, haven't I?  
Do you know what it is?*

$$256 \div ? = 64$$

- 4
- 2
- 192
- 6
- 128

I2520



- equals
- share
- add
- take away
- times



All these number sentences are *FIBS* except one. Which is the *TRUE* one?

(all right, a clue... you don't have to work them out)

$$\frac{5}{4} - 4 = 4 - \frac{5}{4} \quad \square$$

$$7 \div 3 = 3 \div 7 \quad \square$$

$$27 \times 2 = 22 \times 7 \quad \square$$

$$85 + 1208 = 1208 + 85 \quad \square$$

$$\frac{1}{10} - \frac{1}{2} = \frac{1}{2} - \frac{1}{10} \quad \square$$

I2522

what's

**THIRTY~**

**FIVE**

in figures?

53

35

350

305

530

I2523

The **0**

in **703**

means...

70

No tens

Nothing

Ten tens

30

how many

# TENS

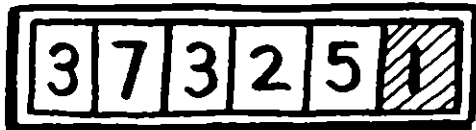
# 15

are there  
in this number ?

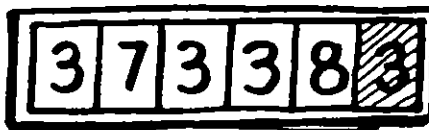
- 5
- none
- 1
- 6
- 15

I2525

*The mileometer in a car shows the distance in miles and tenths of a mile*



at START of  
journey



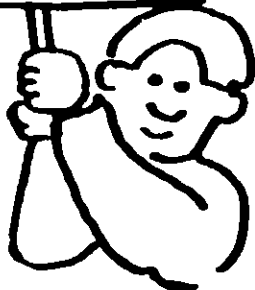
at END of  
journey

- 13.2 miles
- 132 miles
- 1.32 miles
- 14.0 miles
- 13.0 miles

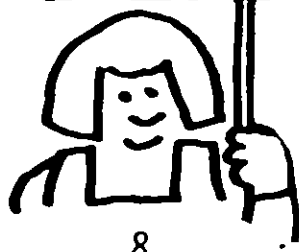
*How far was this journey?*

I2526

45%  
are  
BOYS



What  
percentage  
are  
GIRLS?



- none of these
- 55 %
- 100 %
- 10 %
- 45 %

I2527

Do you know what

**75%**

is as a fraction?

- $\frac{75}{10}$
- $\frac{75}{1}$
- $\frac{7}{5}$
- $\frac{3}{5}$
- $\frac{75}{100}$

I2528

**SMALLEST NUMBER?**

- 2.0
- 10.0
- 1
- 0.9
- 1.5

I2529

$$\frac{2}{10} =$$

- 5.0
- 2.0
- 0.2
- 0.5
- 2.1

I2530

**Please ADD**

$$\frac{1}{2} + \frac{1}{2} =$$

$2\frac{1}{2}$

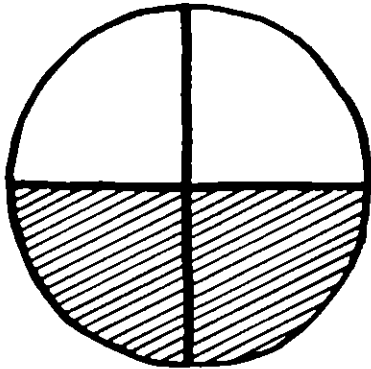
2

$\frac{1}{4}$

1

$\frac{2}{4}$

I2531



What  
fraction  
is

**SHADED?**

$\frac{1}{2}$

$\frac{2}{1}$

$\frac{2}{2}$

$\frac{1}{1}$

2

I2532

**What is**

$\frac{1}{4}$  of 8 ?

$\frac{1}{2}$

$\frac{1}{32}$

4

32

2

Which fraction is

**LARGEST**

- $\frac{1}{2}$
- $\frac{1}{3}$
- $\frac{1}{4}$
- $\frac{1}{6}$
- $\frac{1}{5}$

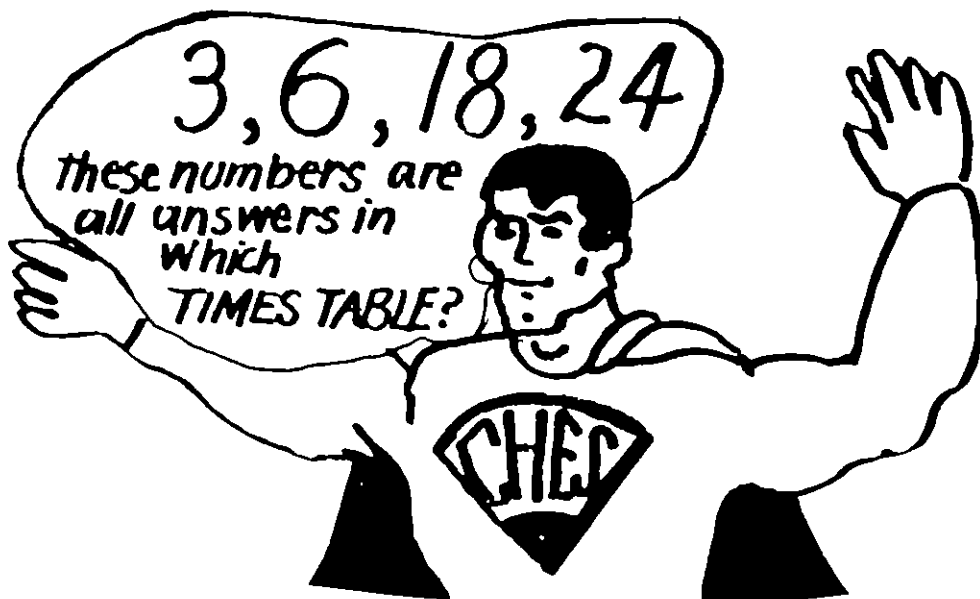
I2534



$\frac{6}{12}$  is the same as...

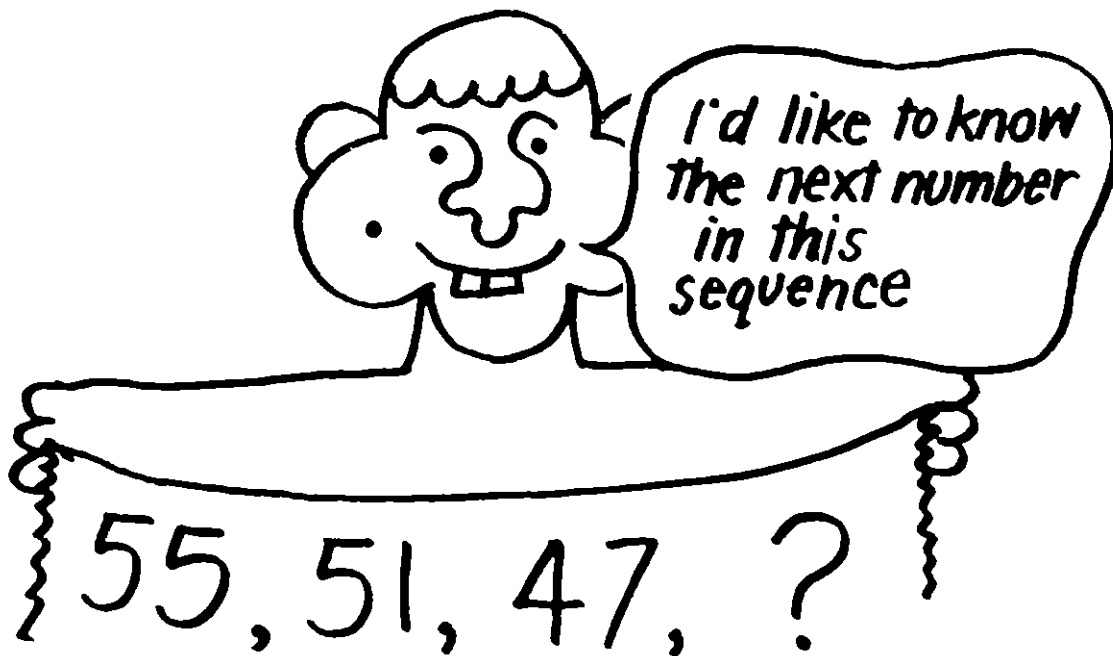
- $\frac{1}{72}$
- $\frac{12}{8}$
- $\frac{2}{3}$
- $\frac{1}{4}$
- $\frac{1}{2}$

I2535



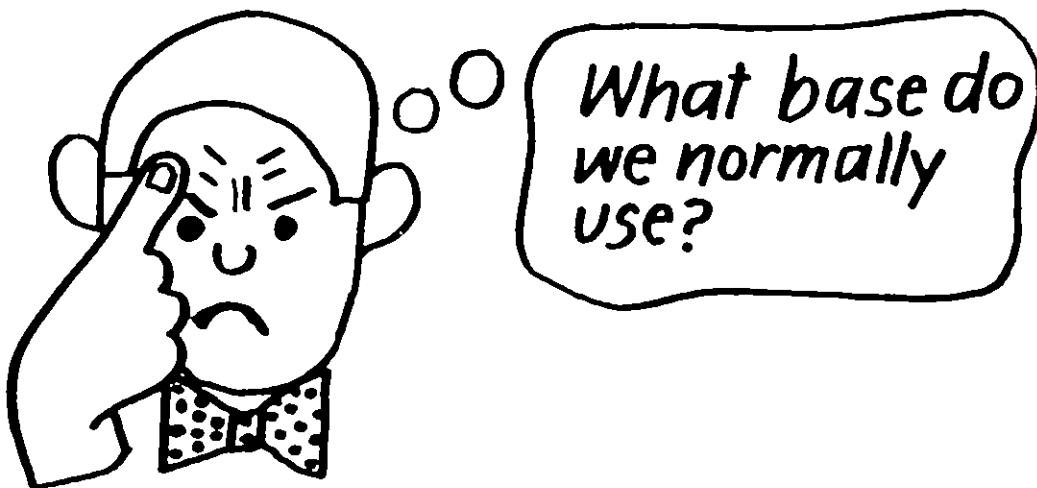
- 6 X
- 48 X
- 144 X
- 3 X
- 4 X

I2536



- 37
- 35
- 43
- 31
- 21

I2537



- ten
- twenty
- two
- one
- twelve

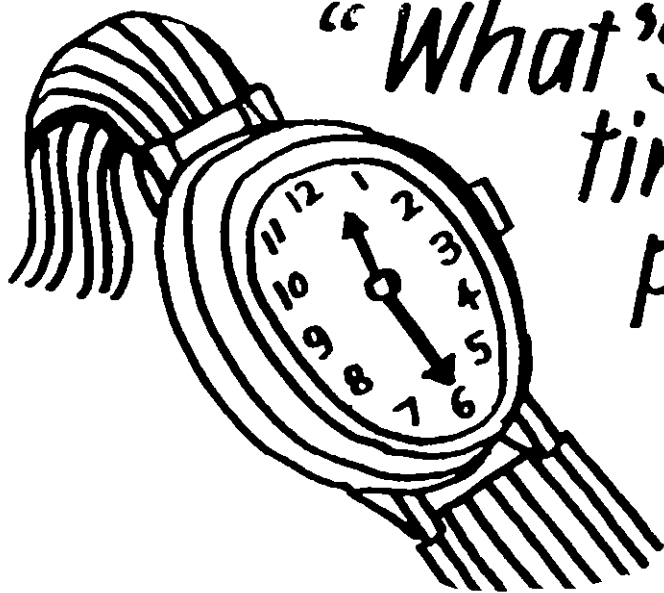
I2538

# ROUND OFF

## 3109

to the nearest hundred, please

- 3200
- 3000
- 3100
- 311
- 3110

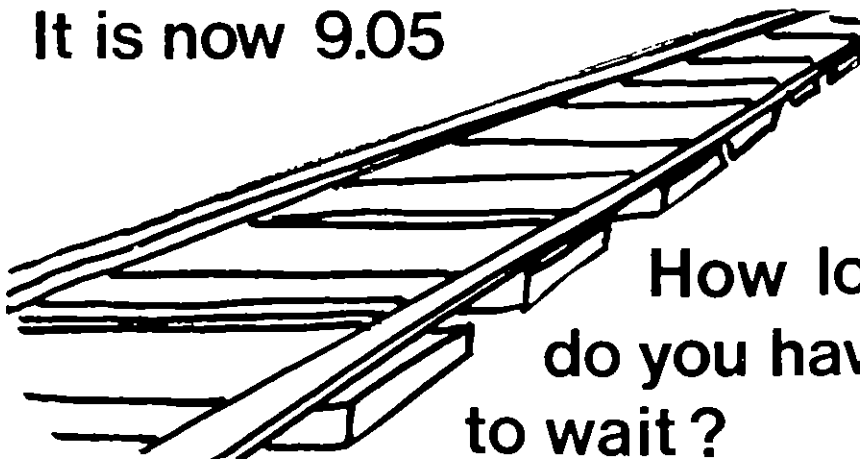


“What’s the time, please mister?”

- 6 o'clock
- between 1 and 2
- 12 o'clock
- ½ past 6
- ½ past 12

I2540

Your train is due at 10.52  
It is now 9.05



How long do you have to wait?

- 47 mins
- 1 hr 47 mins
- 1 hr 57 mins
- 57 mins
- 1 hr 2 mins

I2541

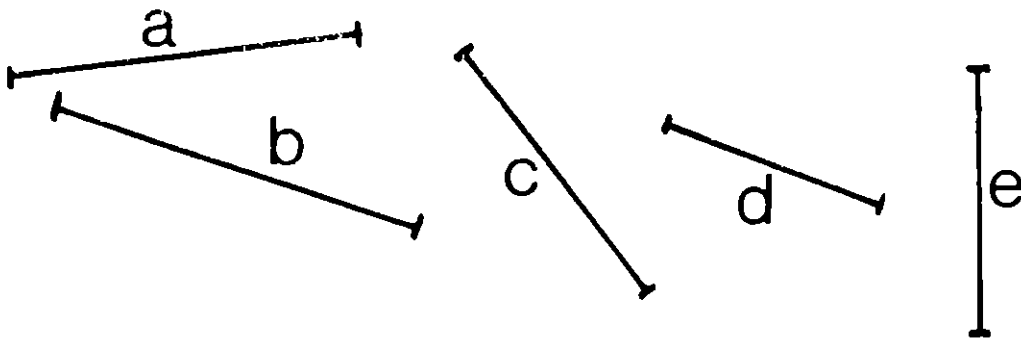
London → Wakefield → Leeds →  
Harrogate → New Pudsey → Bradford  
Mondays to Fridays

	King's Cross	Wakefield Westgate	Leeds	Harrogate	New Pudsey	Bradford Exchange
dep	01 10	07 12d	05 05	07 28a	06 47a	06 57a
arr	04 05	08 32	08 54	—	09 27a	09 37a
dep	07 45	09 41	09 59	10 47a	10 21	10 28
arr	09 05	11 13	11 31	12 09	12 15a	12 25a
dep	09 50	11 43	12 01	12 50a	12 30a	12 40a

If you left on the 9.50 train from King’s Cross, how long would it take you to reach BRADFORD EXCHANGE?

- 2 hrs 90 mins
- 17 hrs 10 mins
- none of these
- 2 hrs 50 mins
- 3 hrs 10 mins

I2542

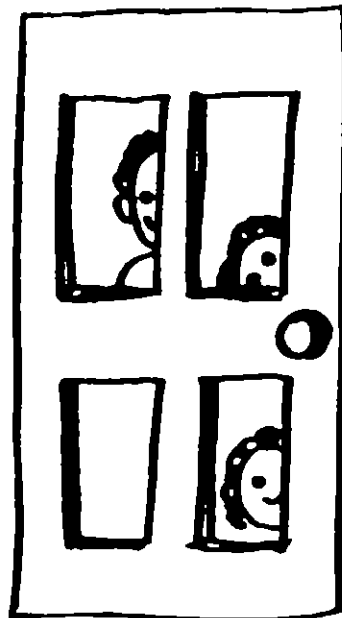


- e
- a
- b
- d
- c

Which line is shortest ?

I2543

Estimate  
the  
**HEIGHT**  
of  
your  
**CLASSROOM**  
**DOOR.**



- 2 centimetres
- 2 millimetres
- 2 kilometres
- 2 hectametres
- 2 metres

I2544

please tell me  
please, which is a  
unit of

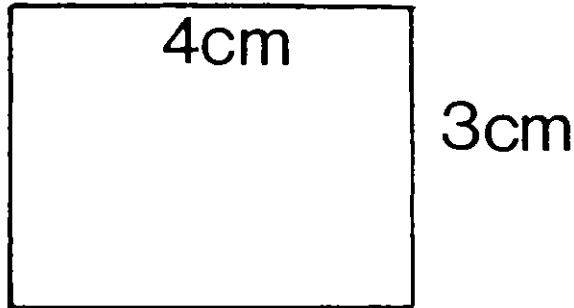
**AREA**  
please!

- kilometre
- cubic metre
- metre
- square metre
- millimetre

I2545

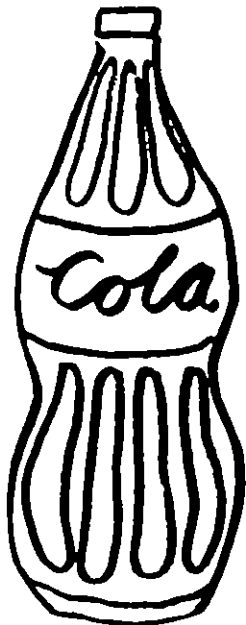


What's the AREA  
of this RECTANGLE ?



- 4 cm<sup>2</sup>
- 12 cm<sup>2</sup>
- 7 cm<sup>2</sup>
- 14 cm<sup>2</sup>
- 3 cm<sup>2</sup>

I2546

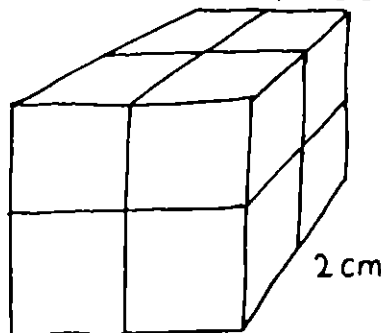
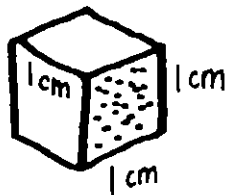


What UNITS  
do we use  
to measure  
the CAPACITY  
of the bottle ?

- kilograms
- milligrams
- litres
- grams
- metres

I2547

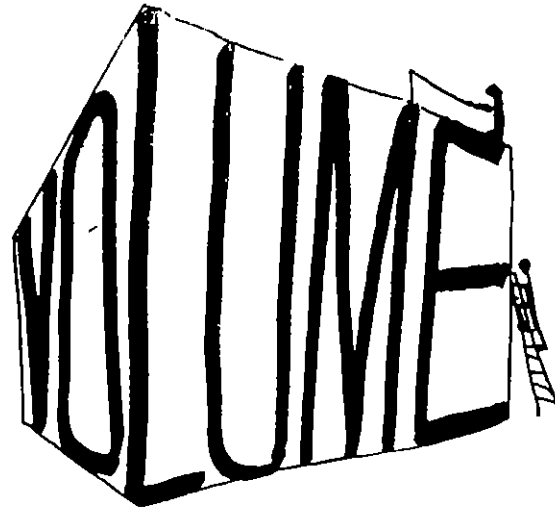
How many of these  
CENTICUBES  
would fit into  
this box ?



- 8
- 2
- 4
- 6
- 12

I2548

**UNIT  
OF**



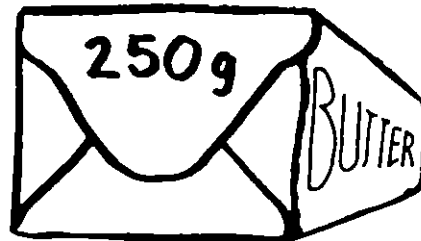
- kilometre
- square metre
- metre
- cubic metre
- millimetre

I2549

**BUTTER**

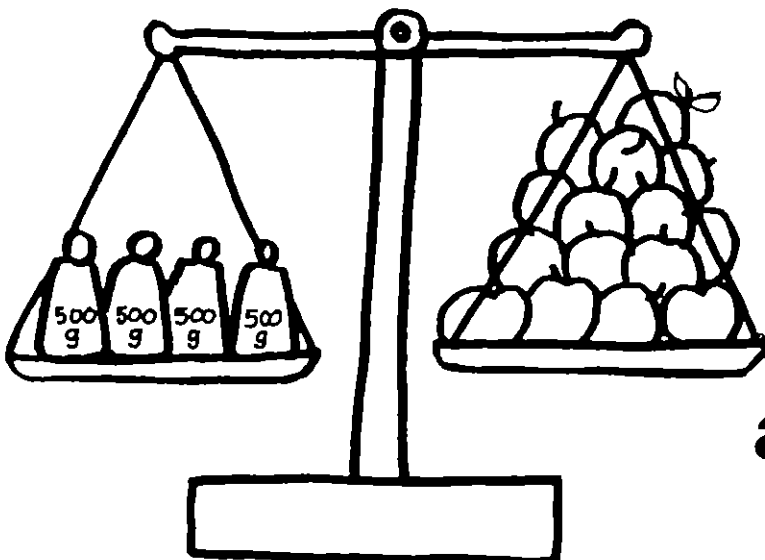
**costs £1 per kilogram**

**How much  
is this pack ?**



- 50p
- £2.50p
- 25p
- £4
- £2

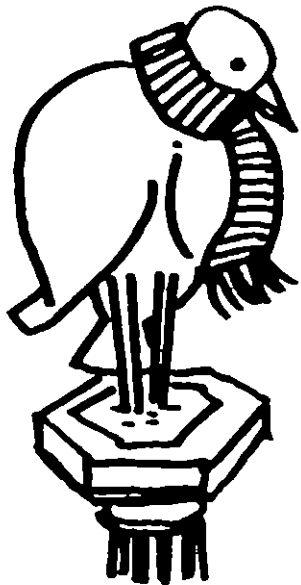
I2550



**How  
heavy  
are  
the  
apples ?**

- 200 kg
- 2 kg
- $\frac{1}{2}$  kg
- 20 kg
- 2000 kg

I2551



The bird bath has  
**FROZEN**

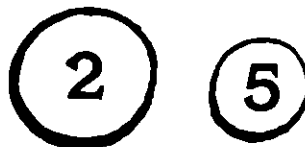
How cold is it ?

- 100<sup>o</sup>C
- 3<sup>o</sup>C
- 212<sup>o</sup>C
- 28<sup>o</sup>C
- 3<sup>o</sup>C

I2552



You have  
these coins:



- (2) (2)
- (2) (1)
- (5) (5)

Which others  
do you need  
to buy a cone?

- (2) (1)
- (5)

I2553

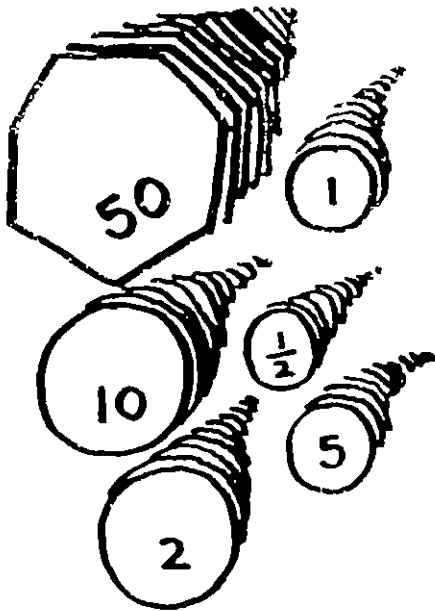


**£1.00 = \$2.31**

If **ONE POUND** is worth  
**2.31 DOLLARS**, how many  
**DOLLARS** would you get  
for **£3**?

- \$ 69.30
- \$ 0.69
- \$ 0.693
- \$ 0.77
- \$ 6.93

I2554



What is the least number of coins you could use to make 38p?

- 7
- 4
- 6
- 38
- 1

I2555

**IF**

**A = 3**

**B = 4**

**C = 5**

**what is  
A+B+C?**

- ABC
- 12
- none of these
- 345
- 60

I2556



**AMANDA ate TWICE as many lollies as WAYNE.**

**If they ate 6 altogether, how many did WAYNE eat?**

- 3
- 1
- 2
- 5
- 4

**Mary** is **32**cm shorter than **Peter**.  
**Peter** is **21**cm taller than **David**.

Mary is 11 cm taller than David

Mary is 11 cm shorter than David

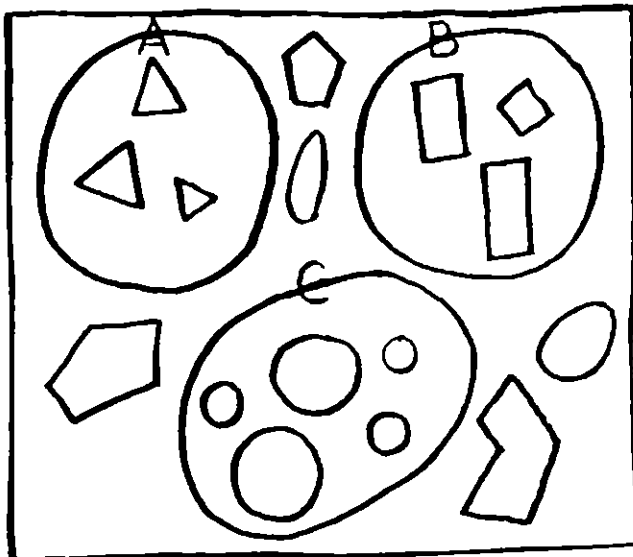
Mary is 53 cm shorter than David

Mary is 9 cm shorter than David

Mary is 53 cm taller than David

Which one is true?

I2558



Where would



go?

inside C

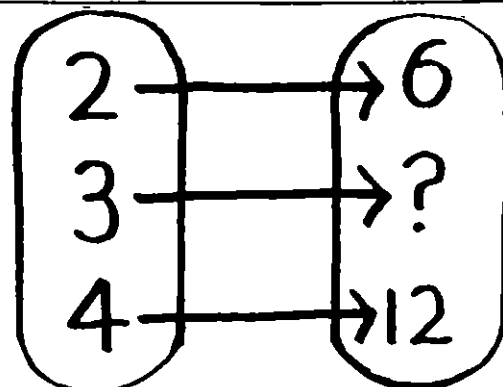
outside the rectangle

outside A, B & C but inside the rectangle

inside A

inside B

I2559



6

3

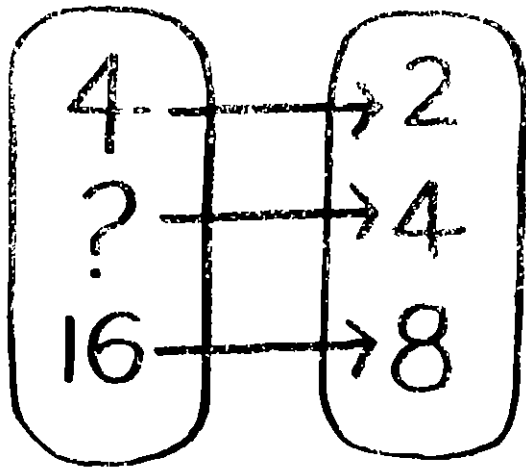
1

27

9

This relation is "is 3 times".  
 What is the missing number?

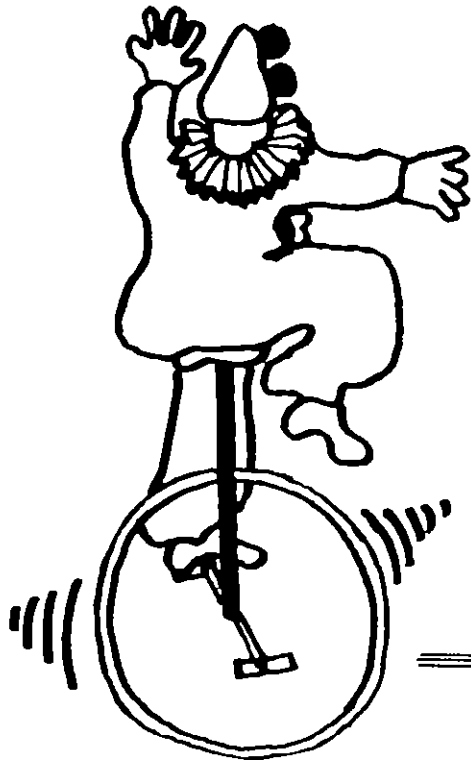
I2560



- 8
- 4
- 10
- 2
- 12

Help me with the missing number... please.

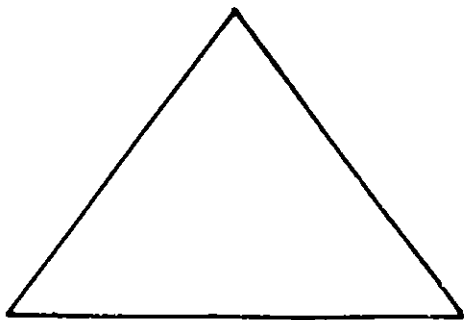
I2561



The **DIAMETER** of a bike wheel is 50cm. About how far will it go in one turn?

- 50 cm
- 100 cm
- 150 cm
- 1 cm
- 2 m

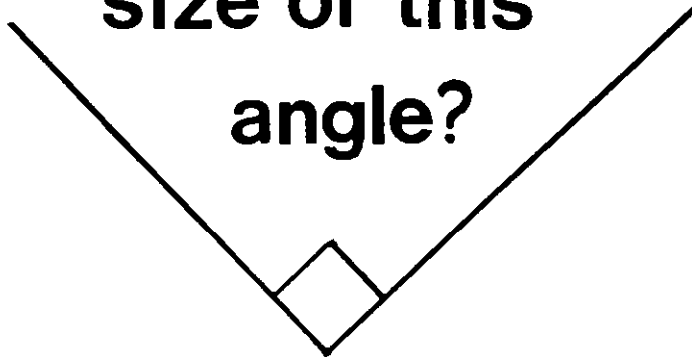
I2562



This is a ....

- square
- circle
- triangle
- rectangle
- oblong

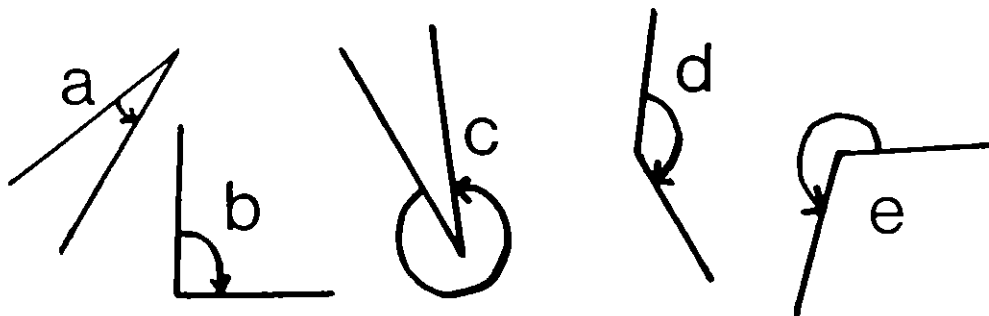
Do you know the size of this angle?



- 360°
- right angle
- 100°
- 180°
- square

I2564

Which angle do you think is smallest?



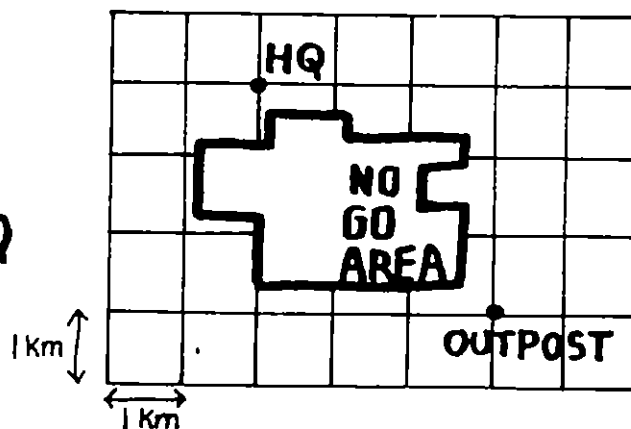
- e
- c
- d
- b
- a

I2565

*"The lines on the 1 km grid are roads.*

*You have to drive from HQ to OUTPOST avoiding the NO-GO AREA*

*How far is your shortest route?"*



- 5 km
- 7 km
- 6 km
- 4 km
- 8 km

I2566

# NEWS FLASH!!

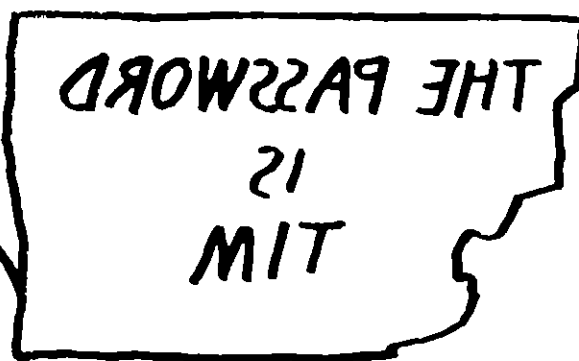
*"A wreck is 6 km East, 3 km North from the lighthouse. The lifeboat is 3 km East, 1 km North from the lighthouse. What is the position of the wreck from the lifeboat?"*

- 3 1/2
- 2 km E, 3 km N
- 1 km E, 6 km N
- 3 km E, 2 km N
- 3 km E, 6 km N

I2567



**A SPY RECEIVES THIS MESSAGE :**



**WHAT MUST SHE SAY?**

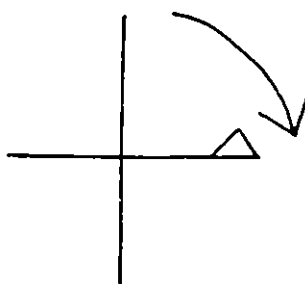
I2568

- tin
- mit
- tim
- nit
- wit

**ROTATE**

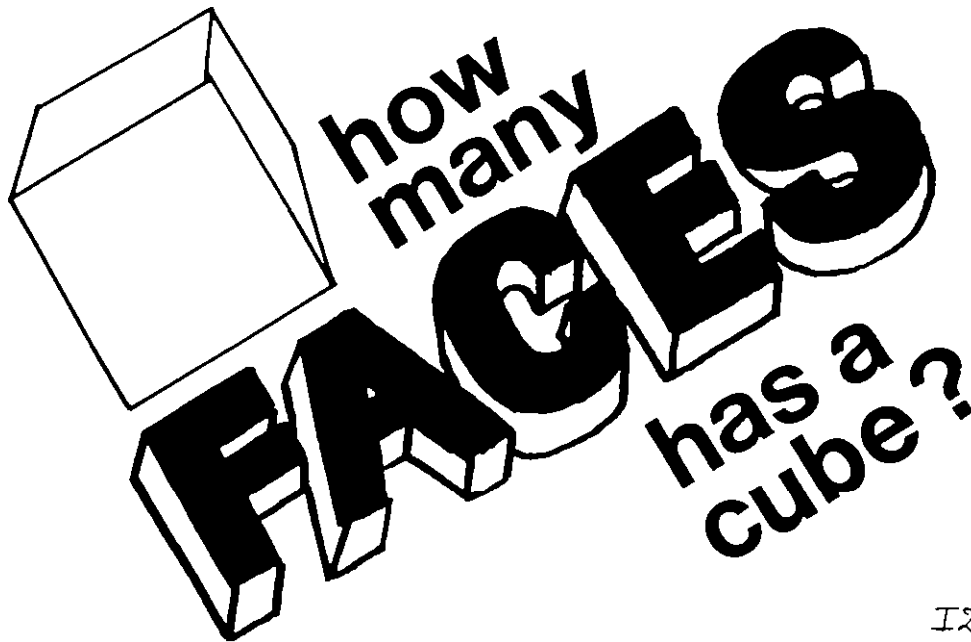
**THIS**

**A  $\frac{1}{4}$  TURN**



- 
- 
- 
- 
-

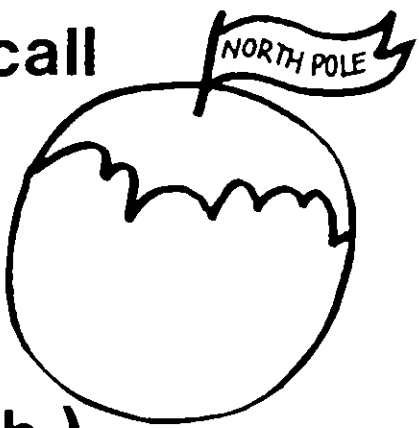




- 3
- 8
- 5
- 4
- 6

I2570

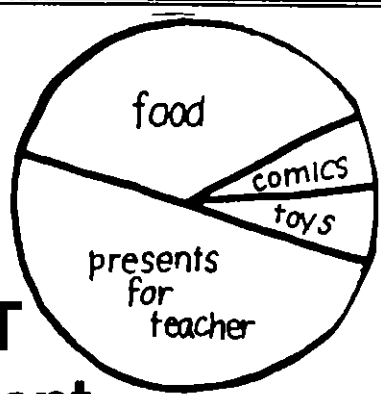
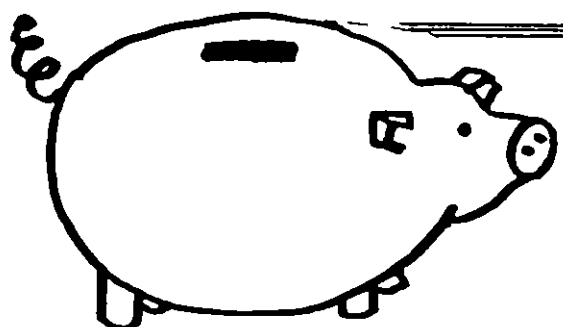
What would you call a line that goes straight down?



- parallel
- isosceles
- horizontal
- perpendicular
- vertical

(towards the centre of the earth)

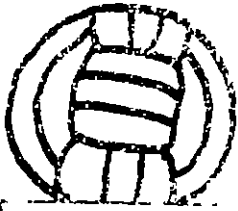
I2571



This PIE CHART shows how I spent my pocket money. What did I spend MOST on?

- toys
- presents
- pies
- comics
- food

How many girls support LIVERPOOL?

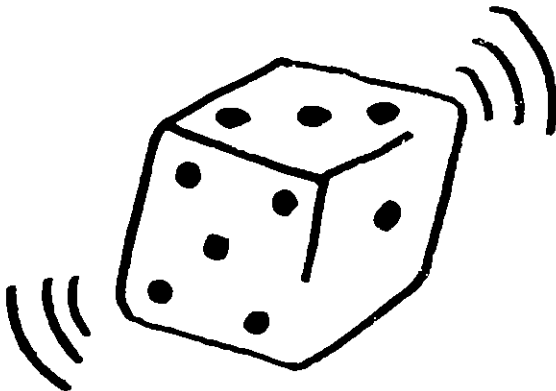


	Girls	Boys
ARSENAL	7	3
LIVERPOOL	4	6
NOTTS.F.	5	5

- 6
- 11
- 30
- 16
- none of these

I2573

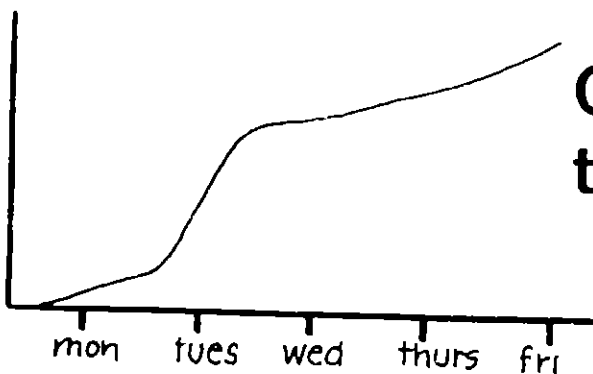
You roll the die ONCE. What is your chance of getting a **6**?



- 1 in 1
- nil
- 5 in 1
- 1 in 6
- 6 in 1

I2574

This is a line graph of a plant's growth.



On which day did the plant grow most?

- mon
- tues
- thurs
- fri
- wed

Coder Code I2576

I2575

# BRITISH ABILITY SCALES

Central Survey Number .. .

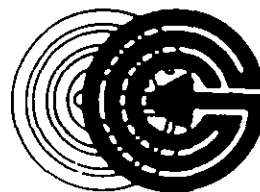
Name . . . . .

Child's Birth Date .... .

Date of Assessment *I.3503/I3503M/I3503Y (DD/MM/YY)*

School... ..

NFER Publishing Company



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# BRITISH ABILITIES SCALES

## Modified administration and answer form

There are four scales to be given to the child. Please introduce the scales in the following way:

- 1 I'D LIKE YOU TO TRY THESE *GAMES AND PUZZLES*
- 2 YOU SHOULDN'T WORRY IF YOU CAN'T DO THEM ALL. YOU MAY NOT BE OLD ENOUGH. WE'LL SEE HOW FAR YOU CAN GET ON EACH GAME.
- 3 When a child has failed *four consecutive* items in any one scale, say casually and light-heartedly: LET'S LEAVE THAT GAME. YOU'VE DONE WELL SO FAR. NOW WE'LL TRY ANOTHER ONE.
- 4 If a child cannot decide how to answer an individual *item*, go on to the next item when you feel that further delay may be discouraging.

The scales are the following:

- 1 Word definitions
- 2 Recall of digits
- 3 Similarities
- 4 Matrices

# WORD DEFINITIONS

The words used in this scale appear on the following answer form

LET'S SEE HOW MANY WORDS YOU KNOW I SHALL SAY A WORD AND I WANT YOU TO TELL ME WHAT IT MEANS

In turn, read out each word on the list

“        ”        WHAT DOES        MEAN?

Please write the child's answer or answers verbatim on the following three pages. It is important that everything the child says should be recorded (whether correct or otherwise)

- a If the child merely repeats the indicated word when trying to define it, this is incorrect and the child should be asked, without giving any further clues  
TELL ME MORE *or* WHAT DO YOU MEAN BY        ?
- b If the response is ambiguous or on the right lines but not fully correct, use non-directional questioning such as YES? or TELL ME A BIT MORE or CAN YOU THINK OF ANYTHING ELSE?
- c All responses, correct or incorrect, should be greeted with mild encouragement, such as YES or GOOD!
- d If the child's response on the *first* item is incorrect, the incorrect response(s) should be written down and the child should then be told what would be the correct responses (Correct responses any games such as football, racing or similar diversions. Incorrect responses School sports, snakes and ladders )

*Note* This help is given only with the first item and *not* with any subsequent items

Use your judgment to decide when the child has failed to give correct or partly correct definitions of *four successive* words. If you are sure that there have been four successive incorrect definitions, move on to the next scale (recall of digits)

### Answer form for Word Definitions

Sport	I3504
Travel	I3505
Splash	I3506
Army	I3507
Beard	I3508
Invite	I3509
Harvest	I3510
Lullaby	I3511
Collect	I3512
Wheel	I3513
Massive	I3514
Refund	I3515
Purpose	I3516
Trade	I3517
Curiosity	I3518

Transparent	I3519
Leather	I3520
Error	I3521
Victorious	I3522
Tentacle	I3523
Consent	I3524
Counterfeit	I3525
Unique	I3526
Drab	I3527
Nomadic	I3528
Universal	I3529
Lethal	I3530
Pessimistic	I3531
Adjacent	I3532



Exert  
(ensure that child  
does not mistake  
this for *except*) I3533

Novice I3534

Velocity I3535

Divulge I3536

Longevity I3537

Ostracise I3538

Alacrity I3539

Hirsute I3540

# RECALL OF DIGITS

The answer form is on the opposite page

LET'S SEE HOW WELL YOU CAN REMEMBER  
GET READY TO LISTEN

When child is attending, start SAY THIS AFTER ME

Read out the digits in each number in an even monotone at *half-second intervals*

Drop voice slightly on last digit. If necessary, say NOW YOU SAY THEM

If the child asks for a number to be repeated, do so, *but do not credit the child's answer as correct*. Immediately thereafter, urge the child NEXT TIME, YOU TRY TO SAY IT ON YOUR OWN, WITHOUT ASKING ME

Put a circle around any item number that has been answered *correctly*, e.g. ① Put a neat line through items answered *incorrectly*, e.g. ② Try to avoid letting the child see your marks

When four consecutive items have been answered incorrectly, reassure the child (THOSE NUMBERS ARE MUCH TOO LONG, AREN'T THEY!, or comment in some other way) and then conclude the administration of this scale

### Administration form for Recall of Digits

Item	Digits			Item	Digits								
1	I3541	4	4	21	I3561	9	2	2	8	2	8		
2	I3542	2	3	22	I3562	5	4	5	4	5	7		
3	I3543	5	4	23	I3563	1	6	2	9	9	7		
4	I3544	9	2	24	I3564	4	1	7	4	3	2		
5	I3545	7	5	25	I3565	7	5	1	9	4	6		
6	I3546	8	6	26	I3566	8	8	4	5	5	1	7	
7	I3547	2	4	27	I3567	2	4	3	8	2	2	4	
8	I3548	5	6	28	I3568	2	9	1	4	1	3	9	
9	I3549	7	5	29	I3569	2	5	6	9	8	7	4	
10	I3550	4	8	30	I3570	5	8	1	4	7	2	6	
11	I3551	5	8	31	I3571	2	3	3	3	6	2	6	
12	I3552	3	2	32	I3572	5	8	8	7	8	4	4	6
13	I3553	8	9	33	I3573	3	8	8	9	6	1	5	2
14	I3554	8	4	34	I3574	2	5	8	3	7	4	6	1
15	I3555	6	1										
16	I3556	5	7										
17	I3557	5	7										
18	I3558	5	6										
19	I3559	2	3										
20	I3560	9	5										

# SIMILARITIES

The answer form is on the page opposite

I AM GOING TO SAY THE NAMES OF THREE THINGS, AND I WANT YOU TO TELL ME ANOTHER THING THAT GOES WITH THEM LISTEN CAREFULLY

(unscored)

ORANGE, STRAWBERRY, BANANA  
WHAT WOULD GO WITH THESE?

Encourage child to respond, if no response is made, say

WHAT ABOUT AN APPLE? WOULD THAT GO WITH ORANGE, STRAWBERRY AND BANANA?

When correct response has been made or agreed to, say

WHY DO ORANGE, STRAWBERRY, BANANA AND APPLE ALL GO TOGETHER?

Whether child's response is correct or not, say THE BEST WAY OF SAYING HOW THEY GO TOGETHER IS TO SAY THEY ARE ALL FRUIT

No further teaching is given For each question, read out a group of words from the list given on the next page, and ask

WHAT WILL GO WITH THESE?

Whether a response is obtained or not, ask

WHY DO THEY ALL GO TOGETHER?

Some children may respond in the reverse order, e.g. animals dog This is acceptable

Please write down the child's answers in the space provided on the answer form Note that group *example* implies 'things that belong' such as apple, whereas group *name* implies a collective category such as fruit

When the child has answered incorrectly, or been unable to describe *both* a group *example* and a group *name* in four successive items, move on to the next scale However, if *one* part has been answered correctly (i.e. an *example* or the *group name*), continue with further items *until the child fails in both parts of four successive items*

Item		Group Example	Group Name	
1	Red, blue, brown	I3575	I3576	
2	Milk lemonade, coffee	I3577	I3578	
3	Skirt, hat, trousers	I3579	I3580	
4	Lion, mouse, cow	I3581	I3582	
5	Daisy, rose, dandelion	I3583	I3584	
6	Rectangle, hexagon, circle	I3585	I3586	
7	Cod, shark, pilchard	I3587	I3588	
8	Peas, cabbage, carrots	I3589	I3590	
9	Cupboard, table, bed	I3591	I3592	
10	Sandal, slipper, boot	I3593	I3594	
11	Measles, chickenpox, mumps	I3595	I3596	
12	Steel, silver, copper	I3597	I3598	
13	Mosque, chapel, synagogue	I3599	I3600	
14	Water, oil, blood	I3601	I3602	
15	Sad, worried, happy	I3603	I3604	
16	Ice, steam, snow	I3605	I3606	
17	Book, telephone, newspaper	I3607	I3608	
18	Sun, wood, oil	I3609	I3610	
19	Poem, song, statue	I3611	I3612	
20	Hotter, fatter, cleverer	I3613	I3614	
21	Democracy, justice, equality	I3615	I3616	

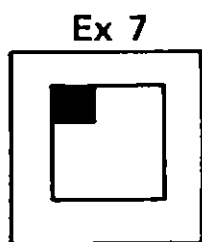
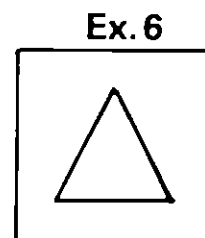
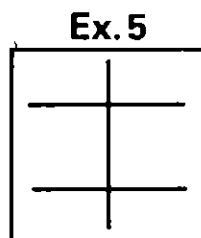
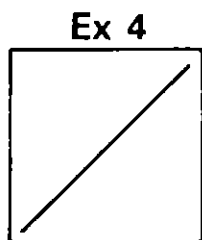
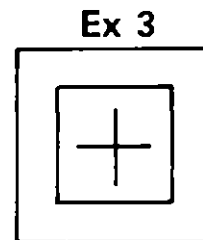
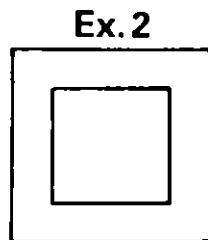
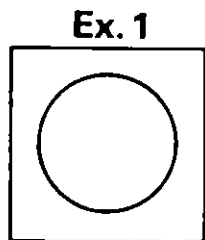
# MATRICES

The child has to complete each pattern by drawing the appropriate shape in the empty square (see pages 13 and 14)

For each *example* item (some of which occur later), say

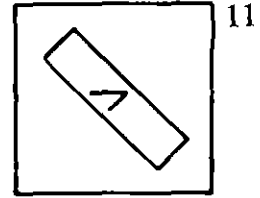
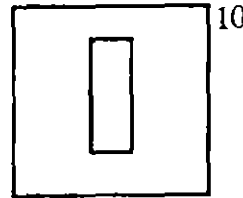
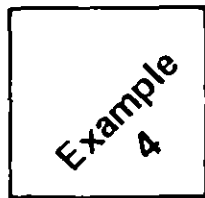
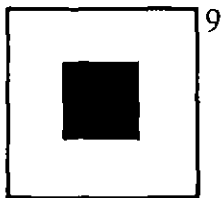
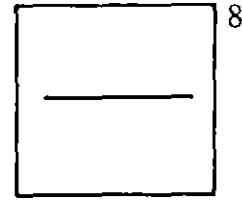
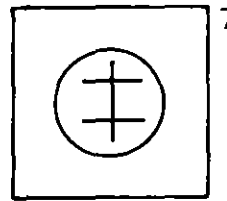
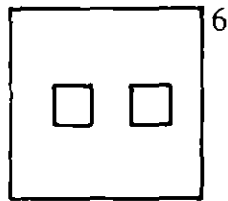
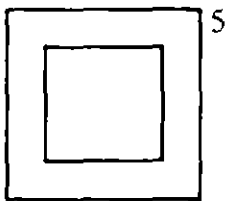
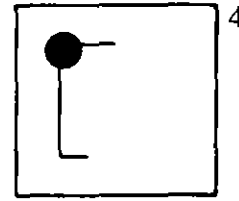
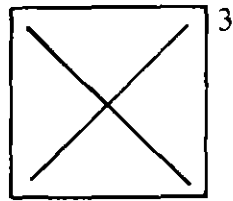
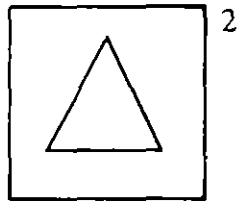
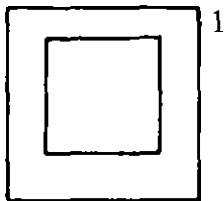
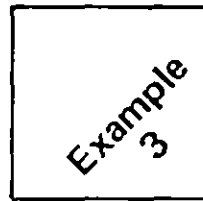
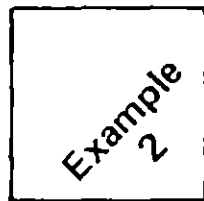
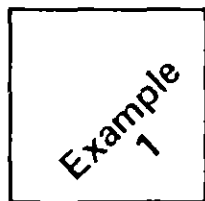
LOOK AT THESE PATTERNS YOU CAN SEE THERE IS A PART MISSING  
(*indicate bottom right*) YOU DRAW IT IN

Help the child to complete the example items, explaining in your own words why a particular shape should be drawn to complete the pattern (Solutions to the example items appear below )

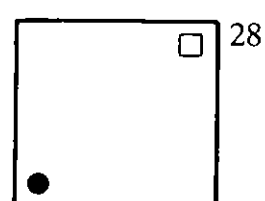
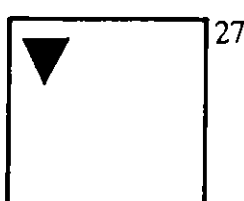
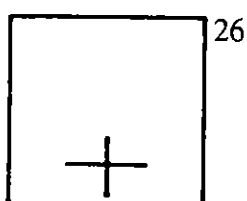
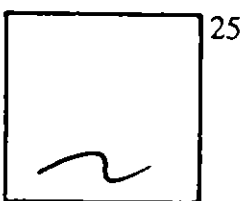
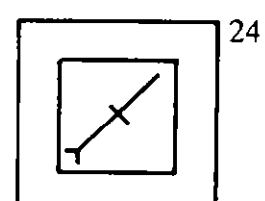
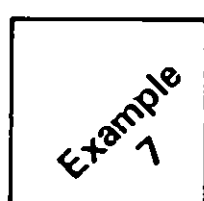
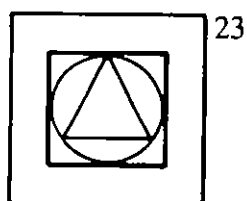
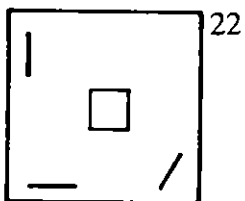
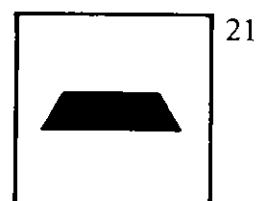
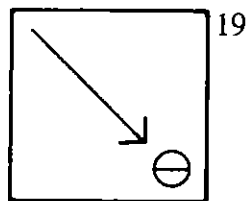
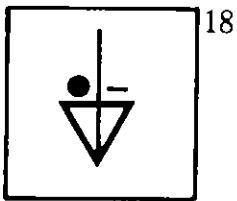
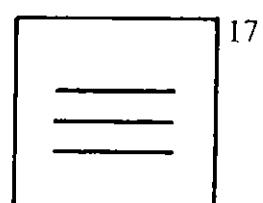
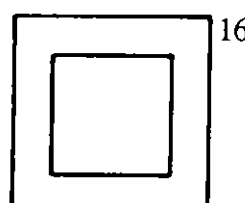
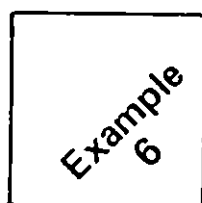
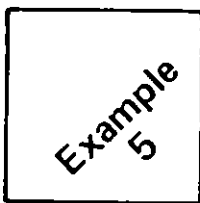
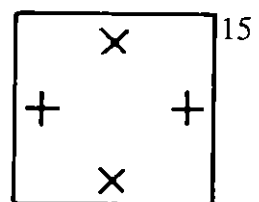
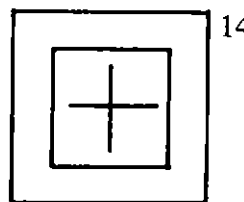
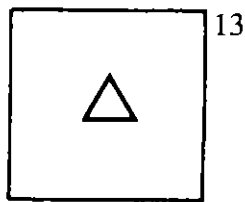
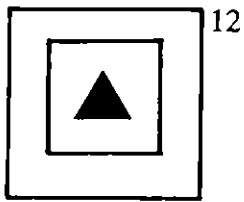


When the child has drawn four successive items incorrectly, *or* when it is apparent from several periods of lengthy indecision that the level of difficulty is too great, conclude the activity after reassuring the child that she or he has done well on this difficult game (Solutions to the scored items appear on the next two pages)

Scoring key for *Matrices*

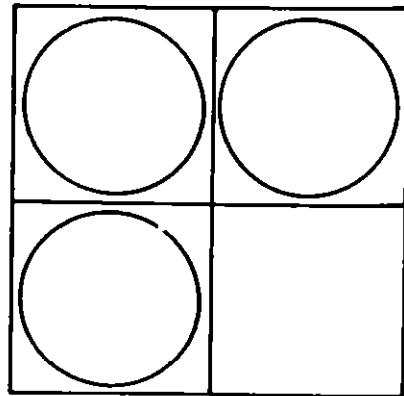


Scoring key (continued)

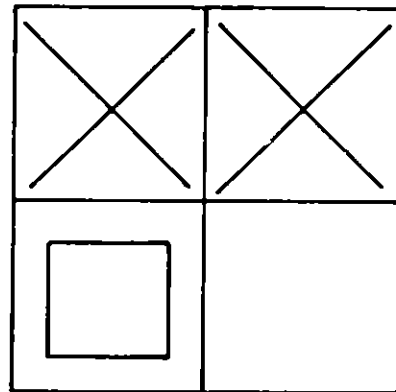




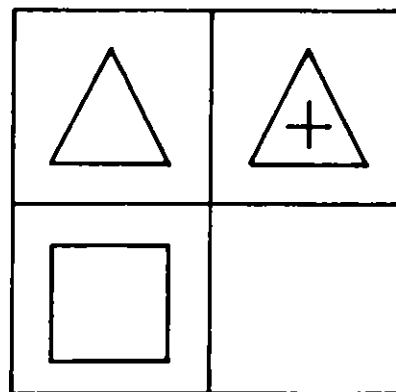
Example 1



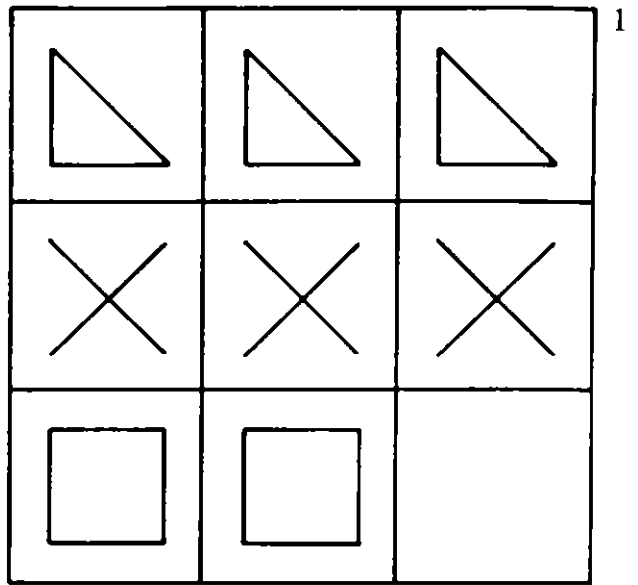
Example 2



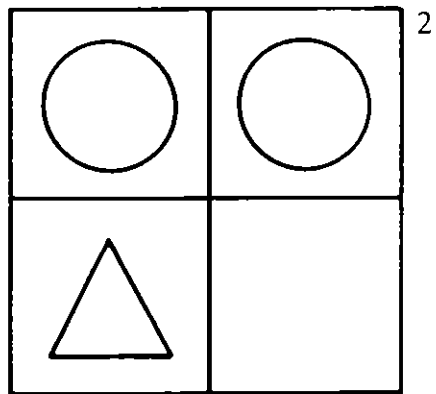
Example 3



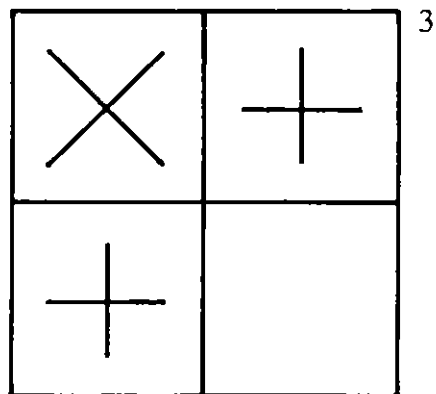
I3617



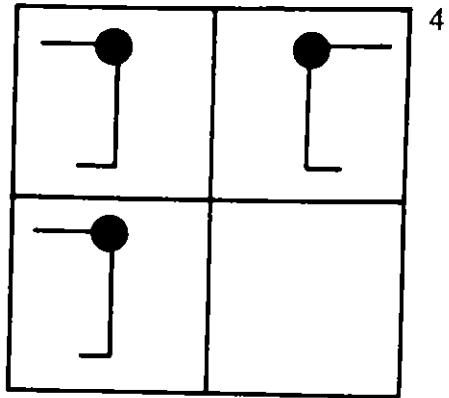
I3618



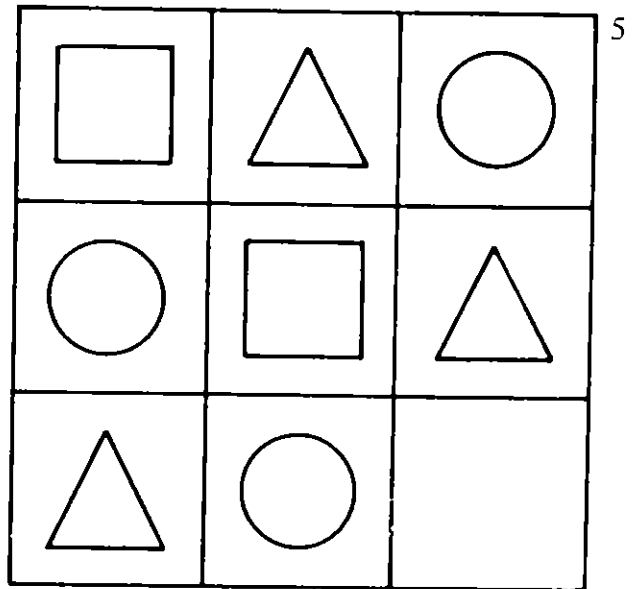
I3619



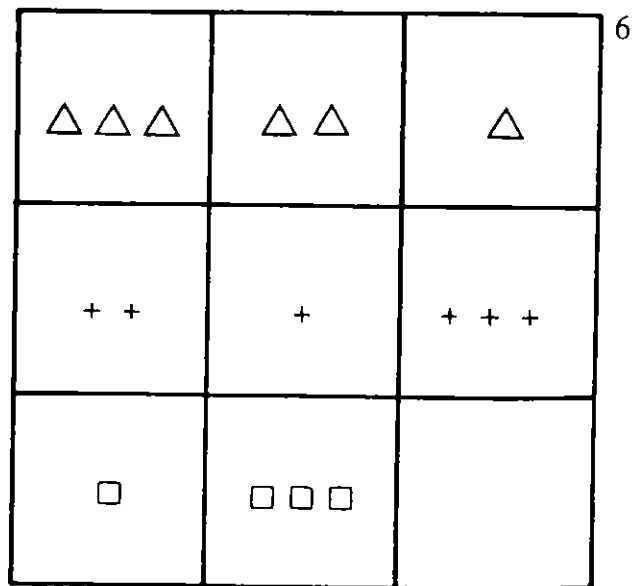
I3620



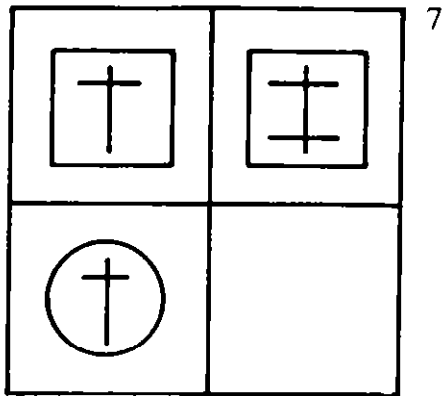
I3621



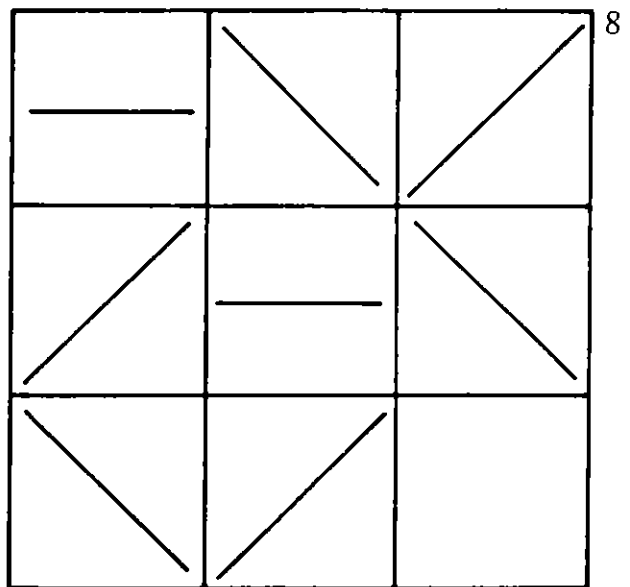
I3622



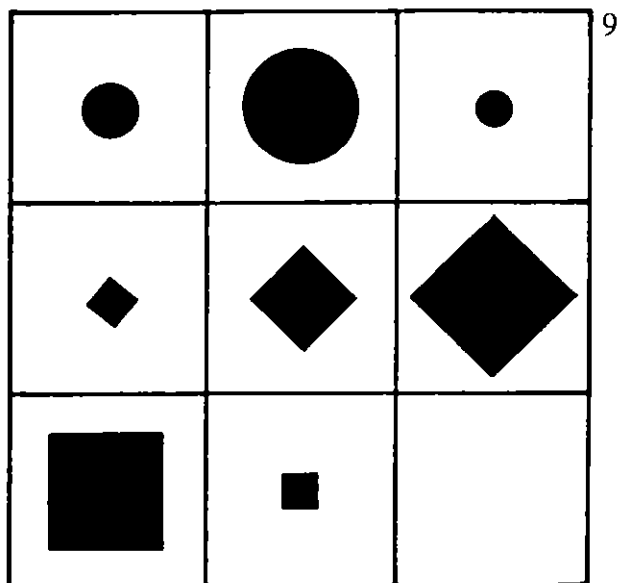
I3623



I3624

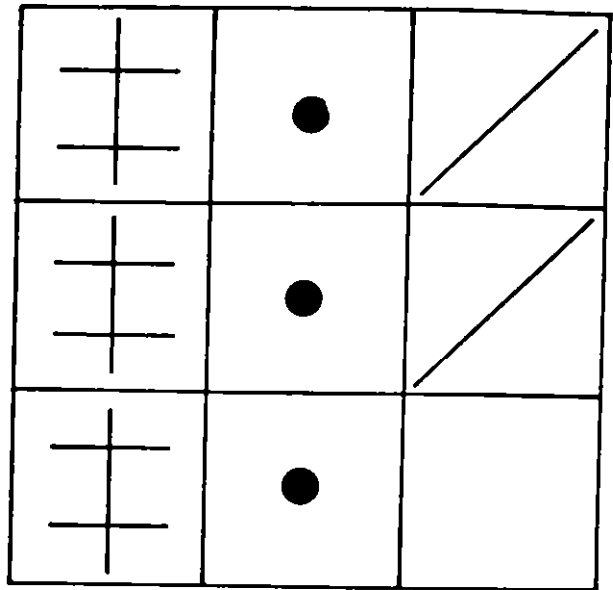


I3625

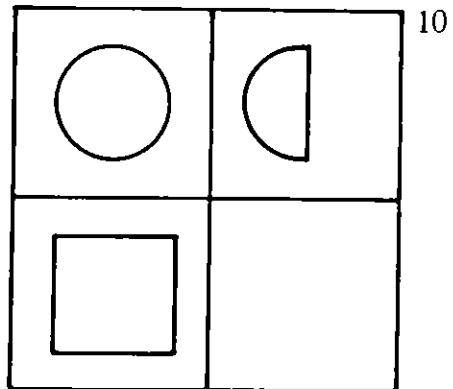


Example 4

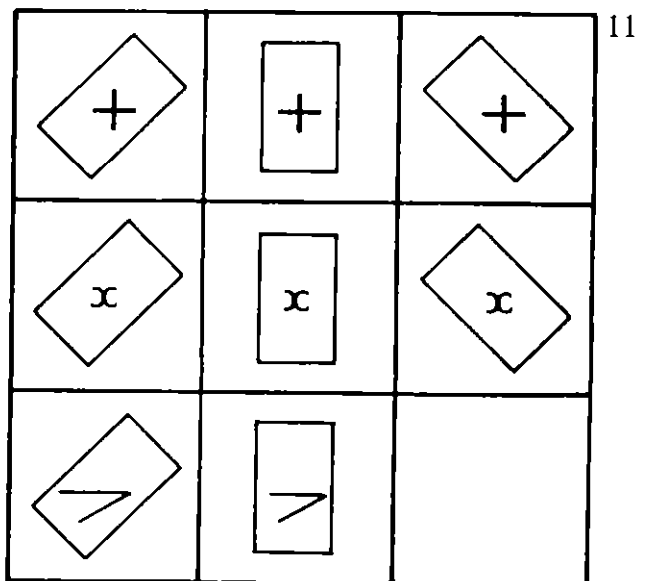
(first try this puzzle yourself, then ask to be shown the correct answer)



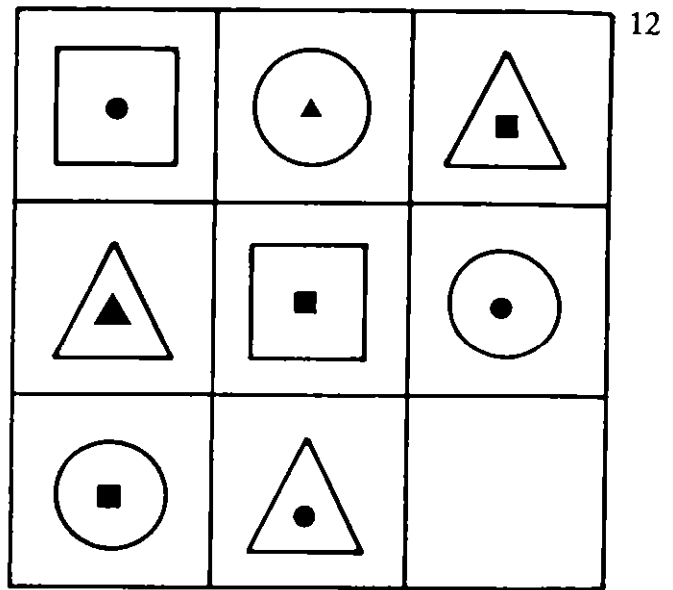
I3626



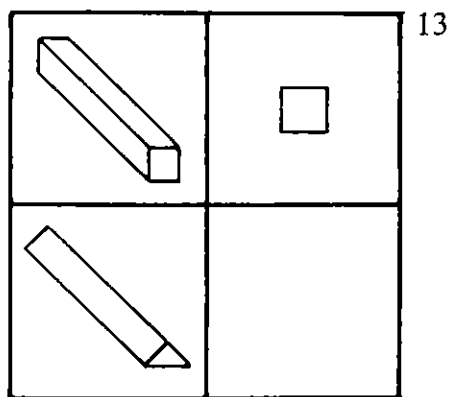
I3627



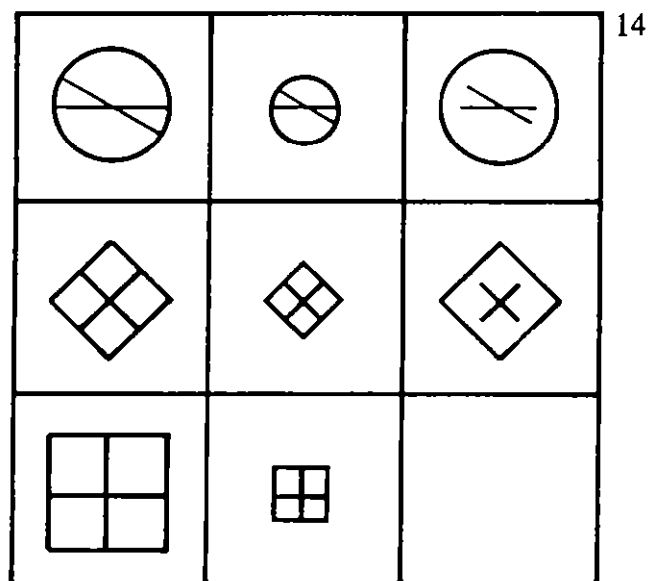
I3628



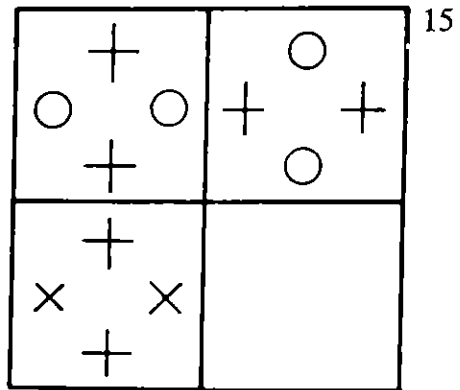
I3629



I3630

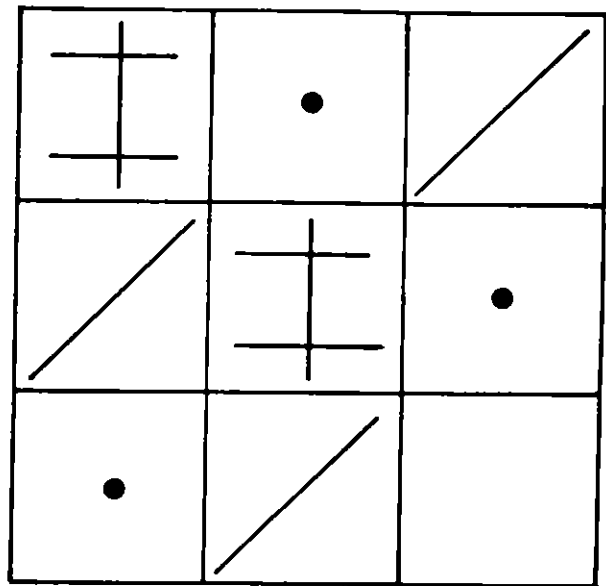


I3631



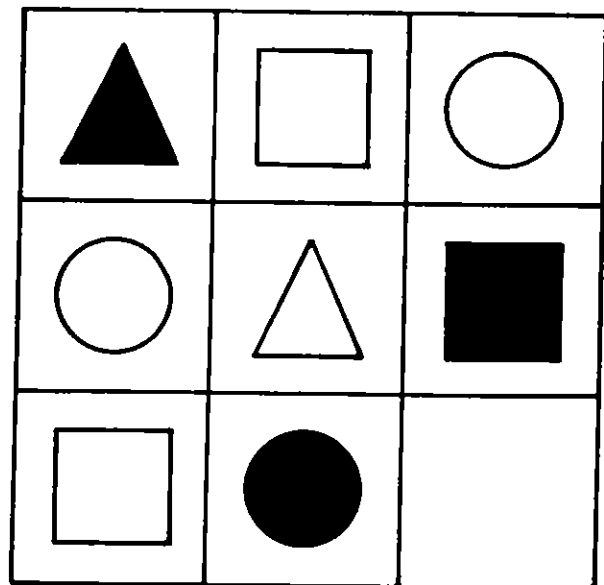
Example 5

(first try this puzzle yourself, then ask to be shown the correct answer)

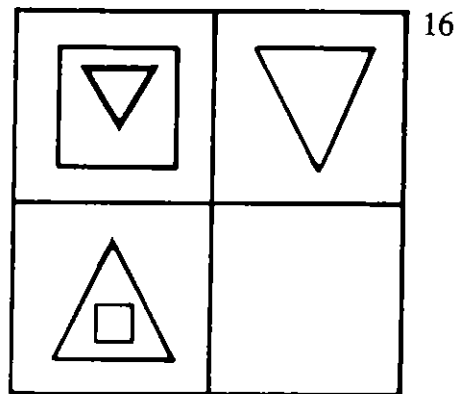


Example 6

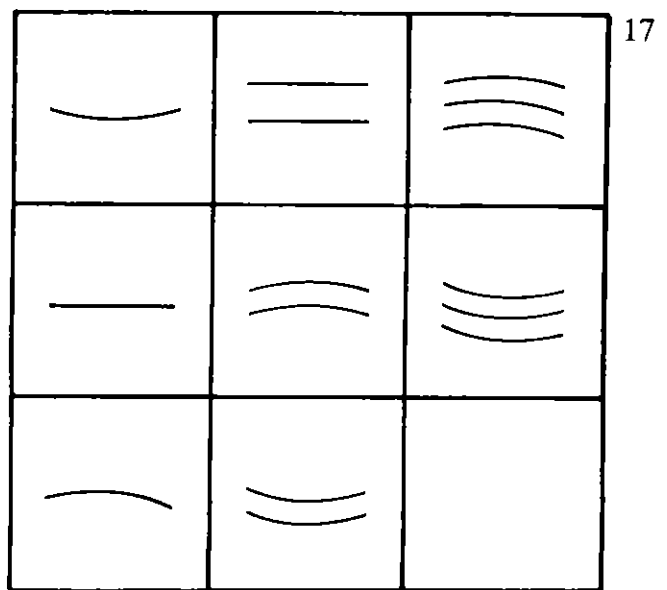
(first try this puzzle yourself, then ask to be shown the correct answer)



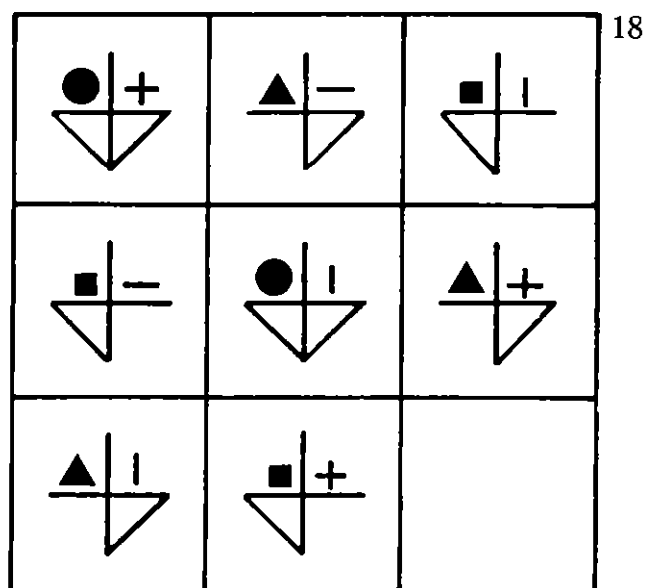
I3632



I3633

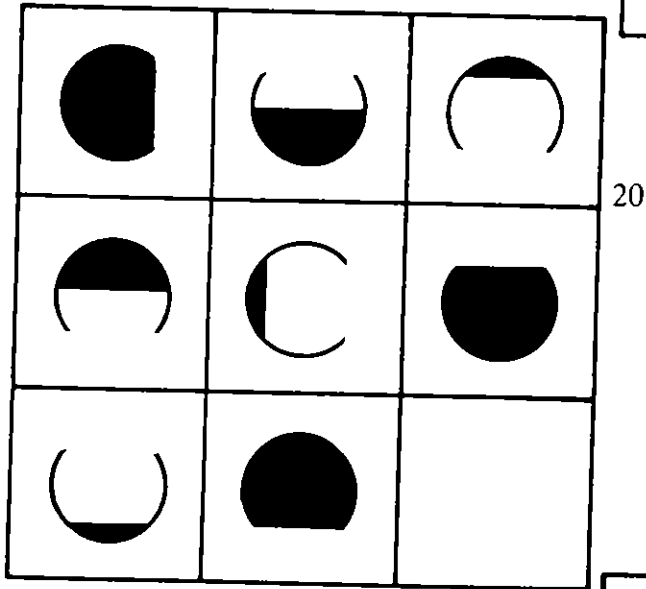
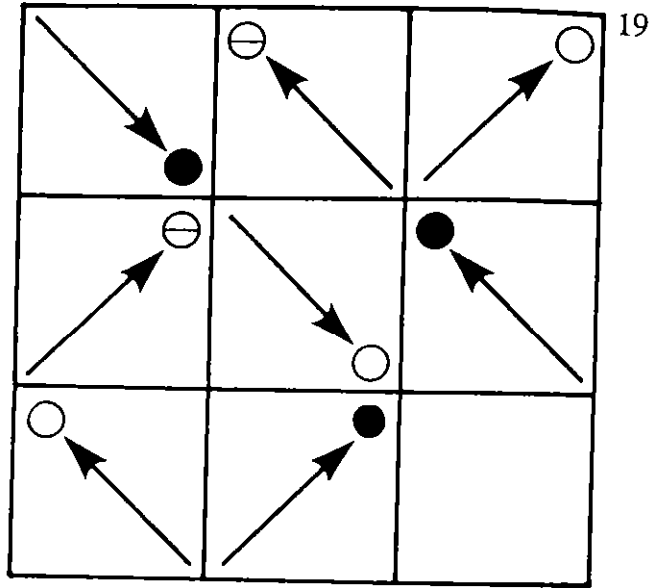


I3634

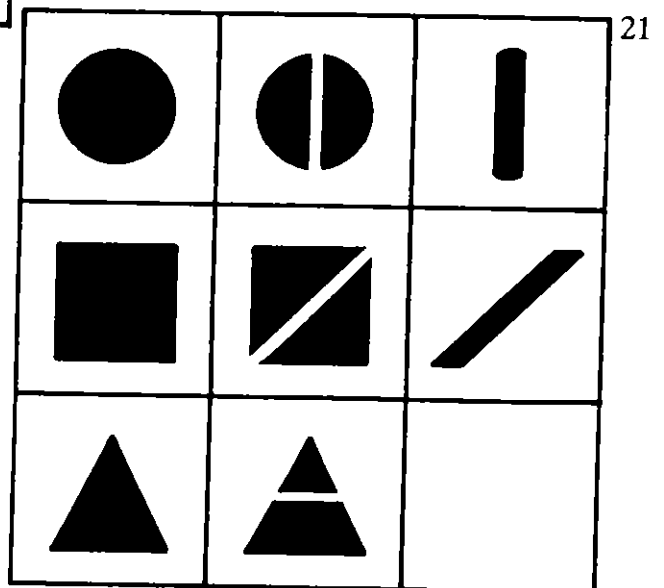




I3635

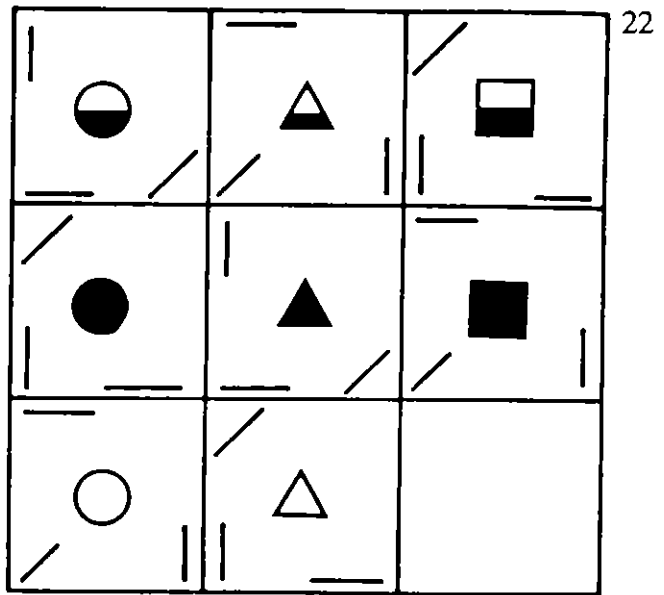


I3636

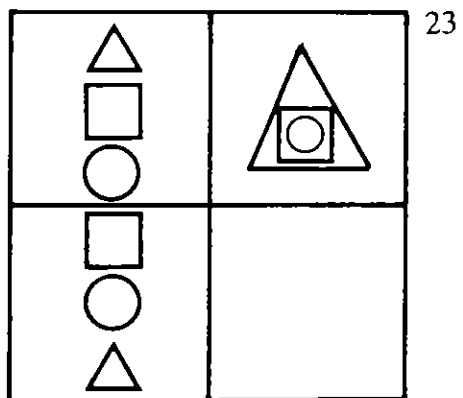


I3637

I3638

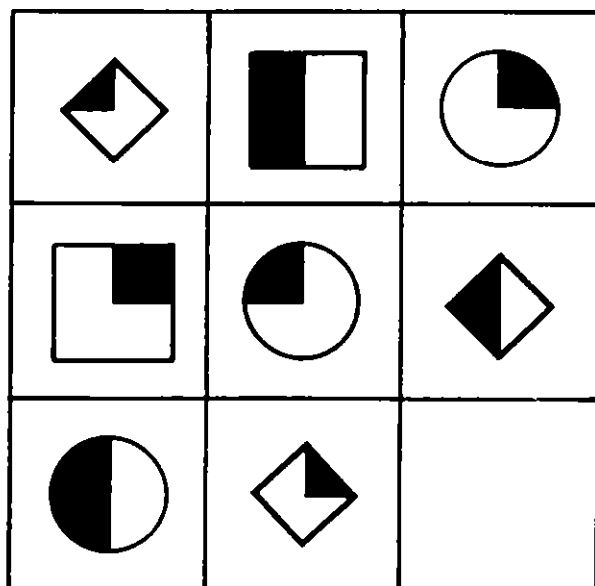


I3639

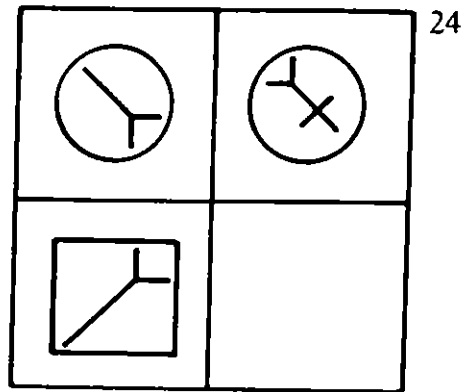


Example 7

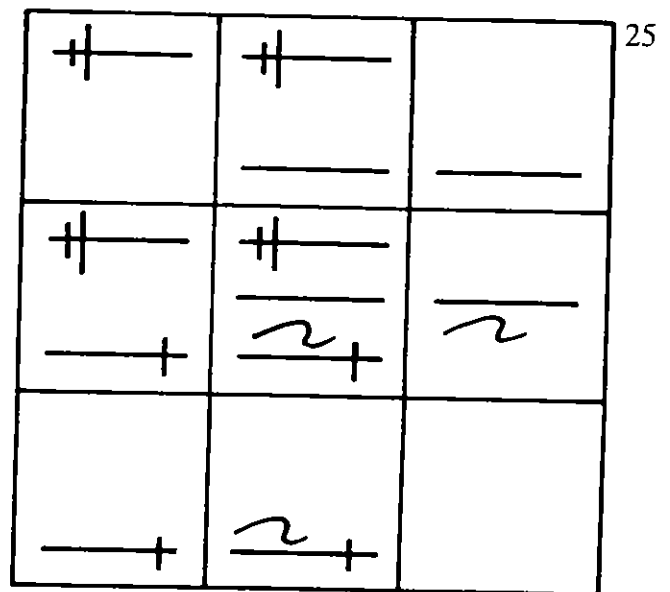
(first try this puzzle yourself, then ask to be shown the correct answer)



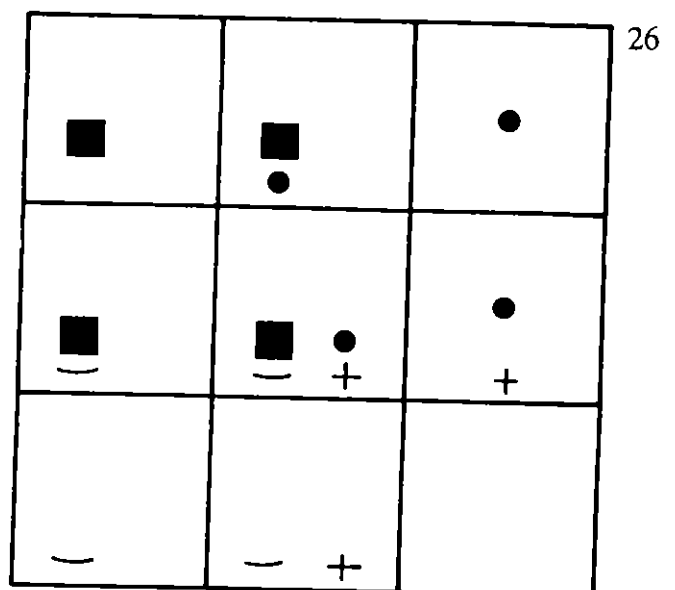
I3640



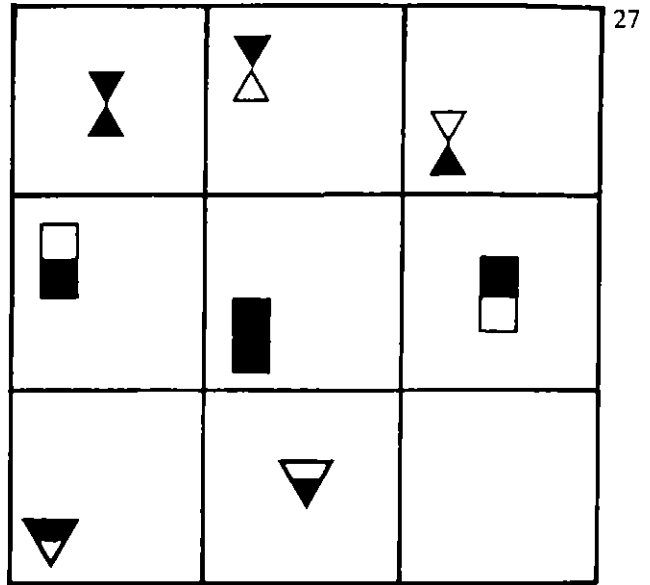
I3641



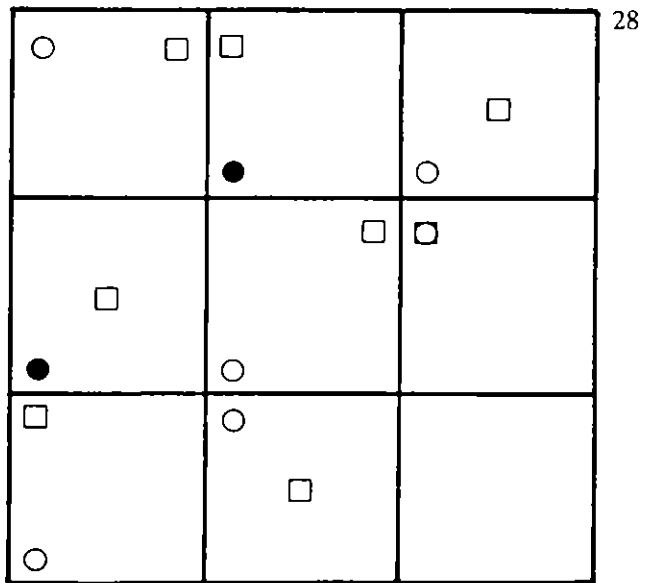
I3642



I3643



I3644



CODER B A S I3645