

SMILE WORKCARDS

Logic and Sets Pack One

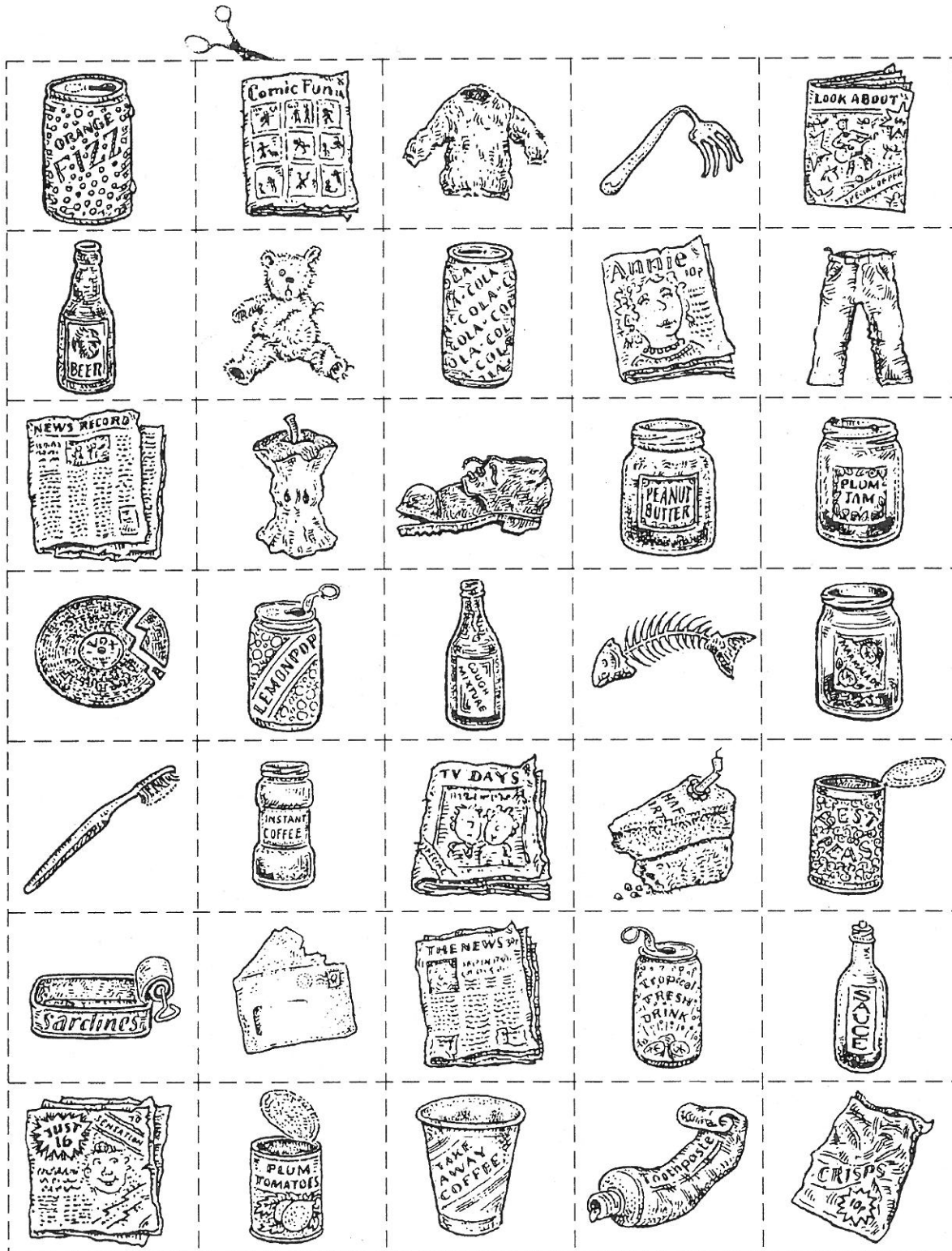
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Turning Green

You will need: Smile Worksheet 2158a, scissors, glue.

- 1) Cut out the rubbish.
- 2) Sort the rubbish into the correct bin.
- 3) When you are sure, stick the rubbish in the bins.



Metal
for recycling

Glass
for recycling

Clothes
for recycling

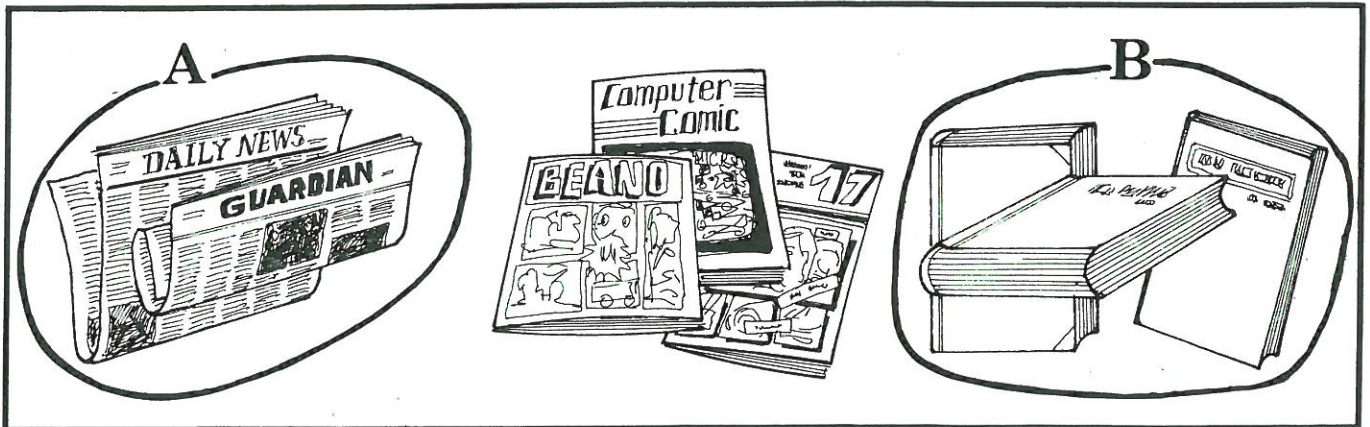
Paper
for recycling


Dustbin

Compost

More sorting

Things to read



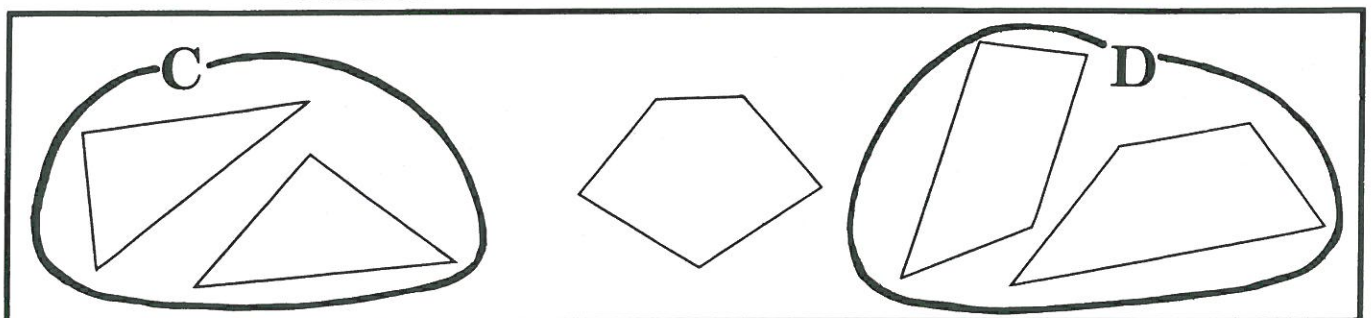
(1) Does  go in A or B or outside?

(2) Does  go in A or B or outside?

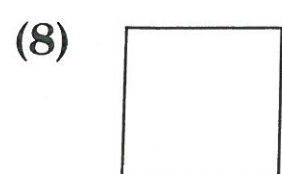
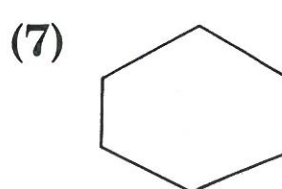
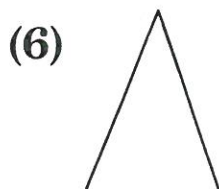
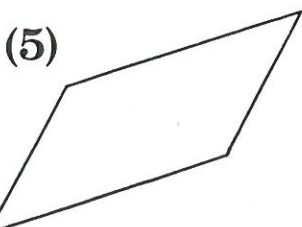
(3) Does  go in A or B or outside?

(4) Does  go in A or B or outside?

Polygons



Where do these go — in C or D or outside?



A



You will need a pack of cards
with one missing.

Which card is missing?



Explain how you worked it out.



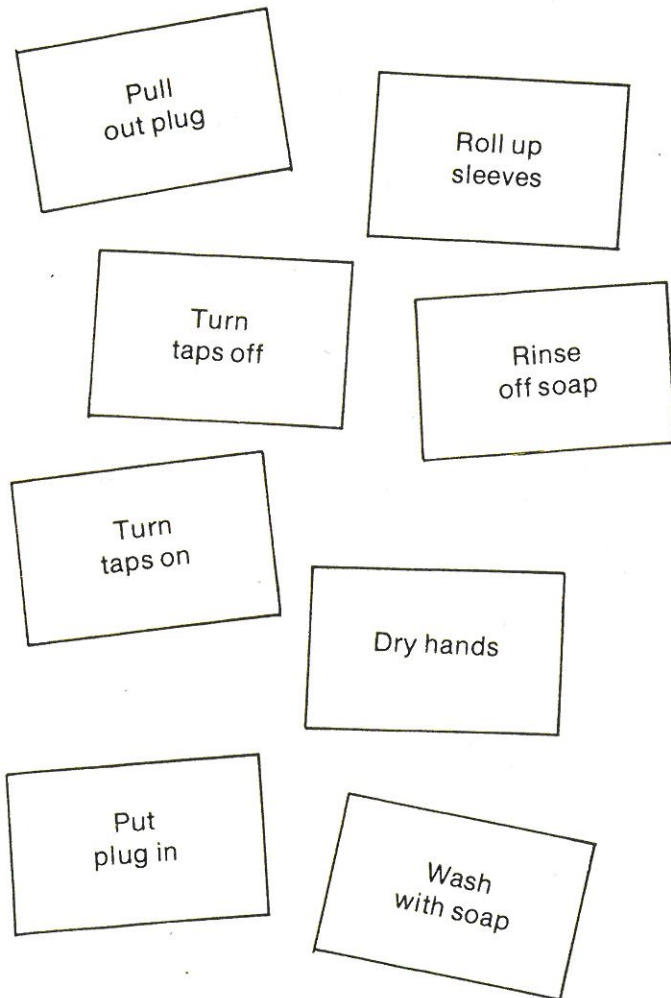
V

Jobs in Order

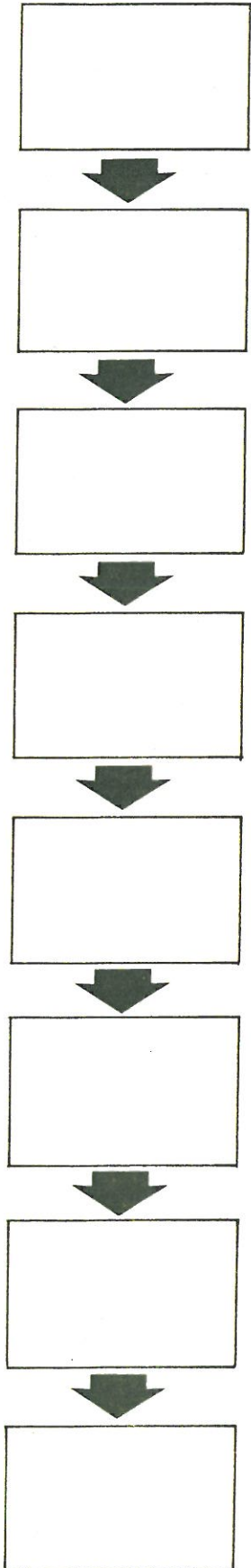
We all wash our hands every day.

We think of it as one job, but it is really several jobs in one!

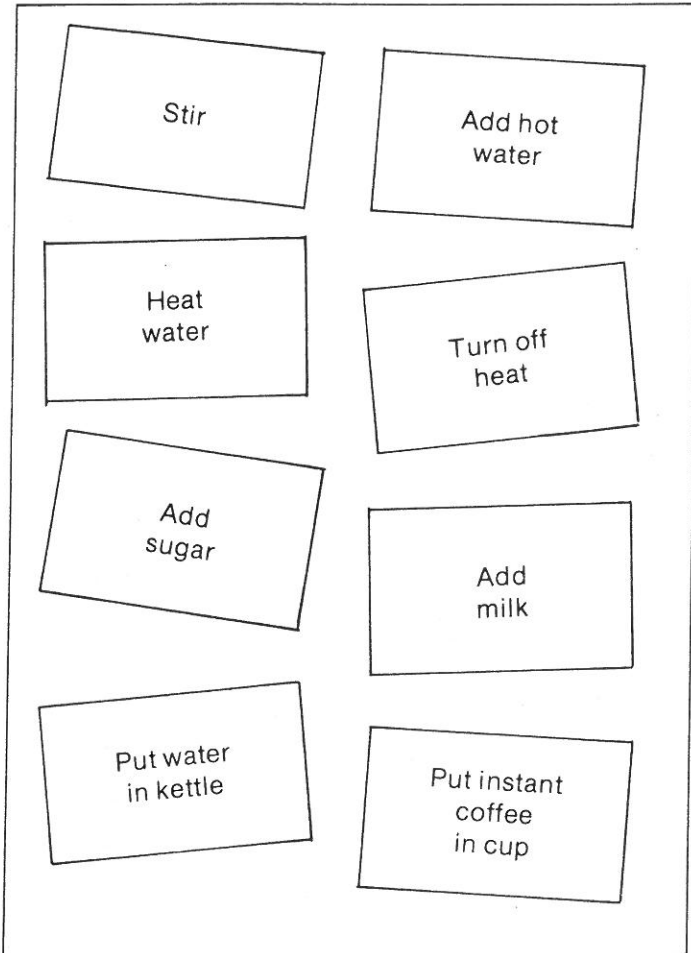
Here are the separate stages:



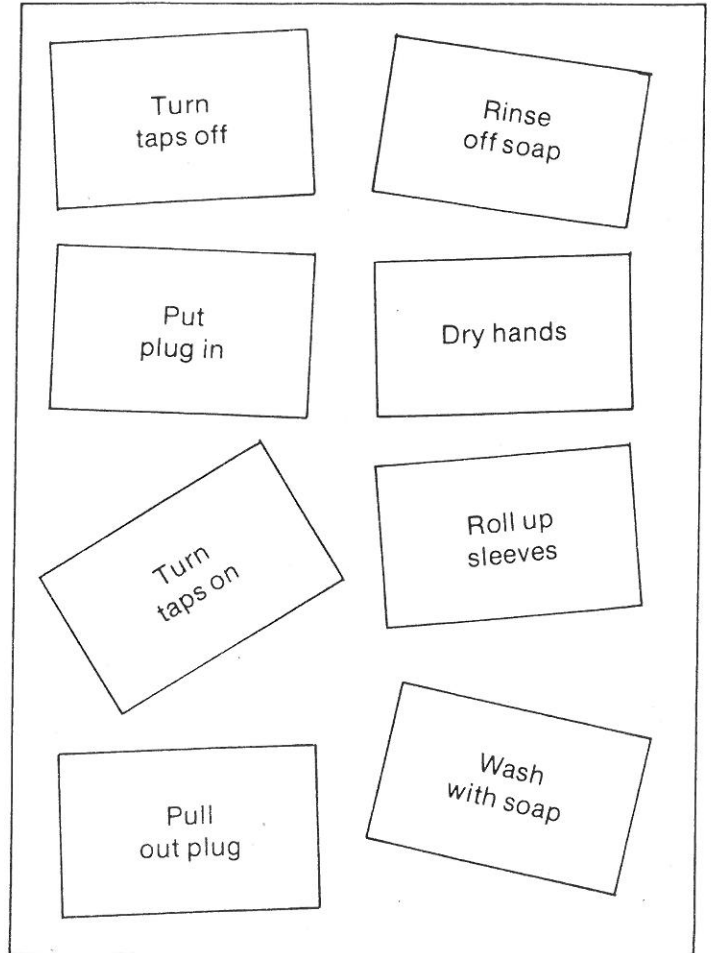
1. Cut out the stages from the sheet 1376A.
2. Put them in order.
3. Stick them in order in your book.
4. Use the other cut-outs from the sheet to describe making a phone call/making a cup of coffee/filling a car with petrol.



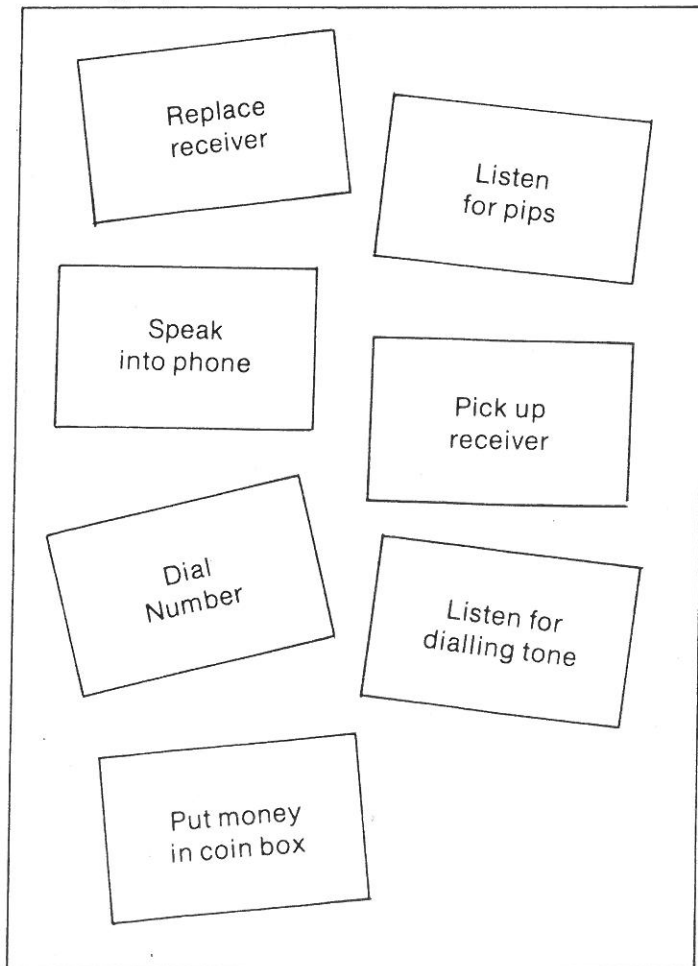
Making a cup of coffee



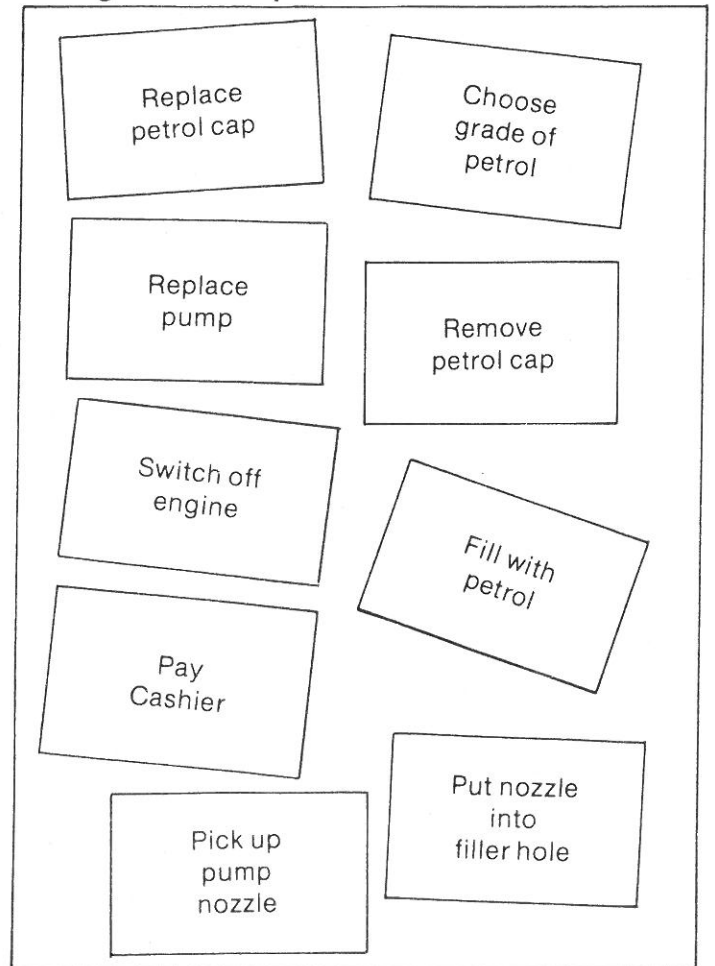
Washing hands



Making a phone call

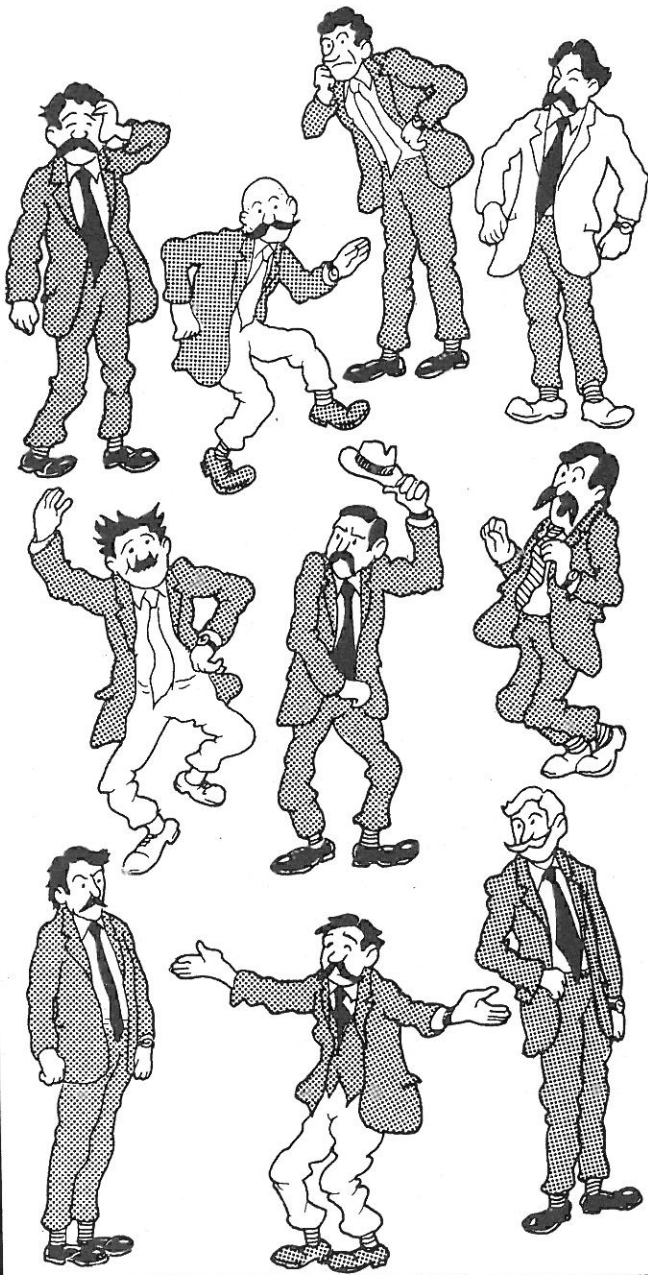


Filling a car with petrol



FIND THE MURDERER!

Before he died, the victim was able to give a good description of his murderer to the police. His description was as follows: it was a man wearing a dark jacket and a plain tie, he had a wristwatch but he wasn't wearing a waistcoat, he didn't have a hat but he did have a moustache which was the same dark colour as his hair and his socks were striped. From this description the police were able to identify which of the 10 suspects was the murderer. *Can you?*

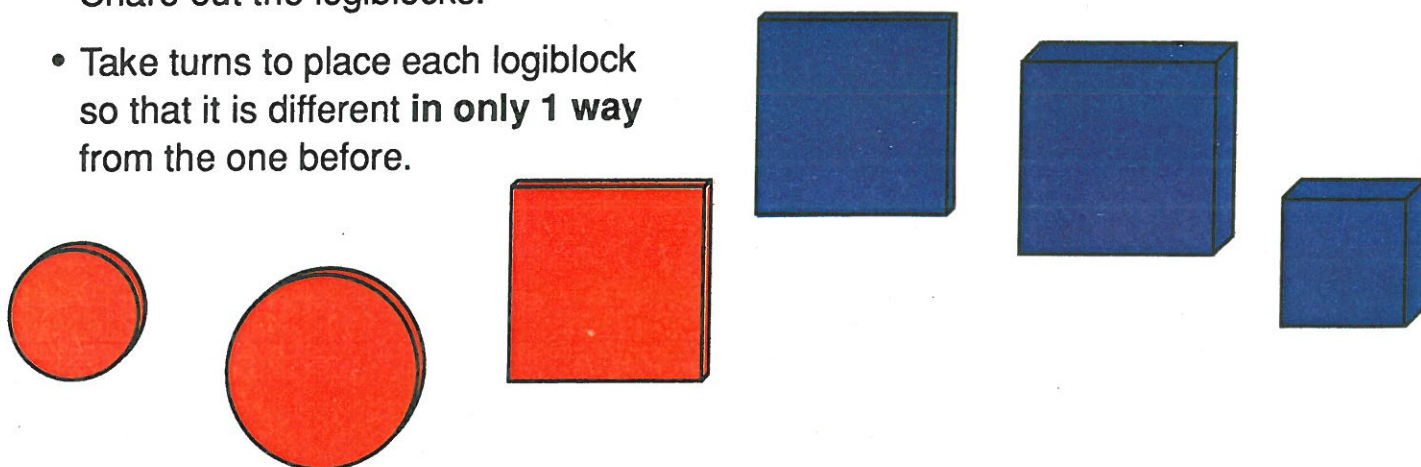


You will need logiblocks.

One-difference LOGICAINS

An activity for a small group.

- Share out the logiblocks.
- Take turns to place each logiblock so that it is different in **only 1 way** from the one before.



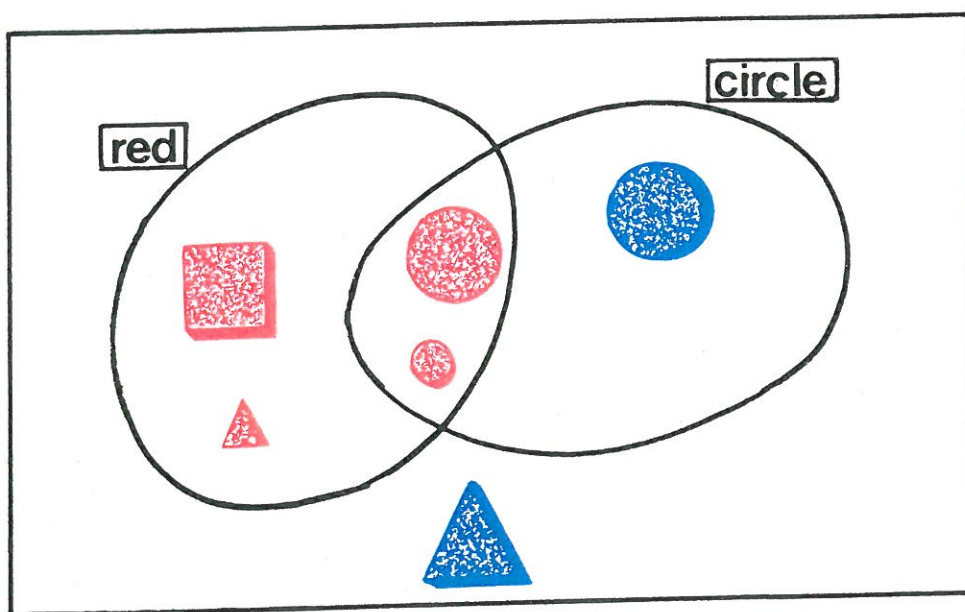
Ask someone else to check your completed LOGICAIN.

Make another chain this time with 2 differences.

You will need:
Friends, 2 loop set board, logic blocks
logicards (0579A)

smile
0579

two loops



- (1) Share out the blocks.
- (2) Choose a logiccard for each loop.
- (3) Take turns to place the blocks in the correct region of the board.
- (4) A player who makes a mistake takes back his block and misses that turn.
- (5) The winner is the first to place all his blocks.

smile

0579a

cut out these 12 cards

RED

BLUE

YELLOW

circle

LARGE

SMALL

square

THICK

THIN

rectangle

triangle

hexagon

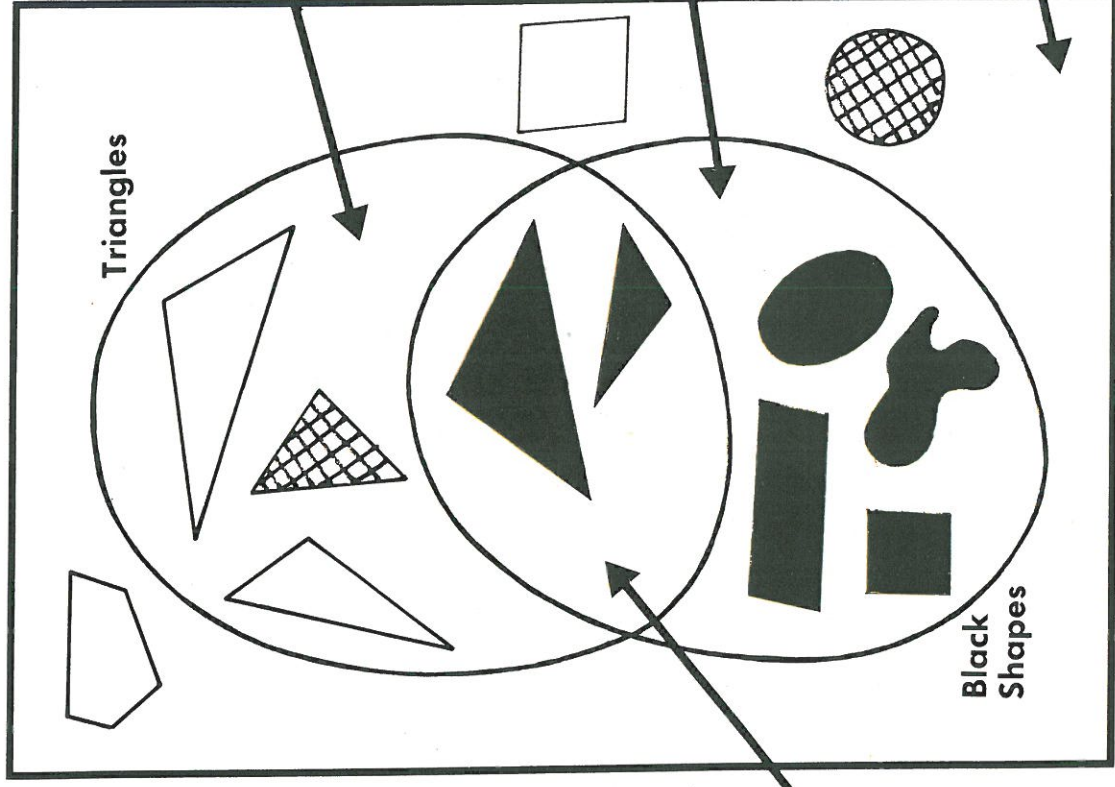
Venn Diagrams

Smile 0245

In the Venn diagram

- (1) How many triangles altogether?
- (2) How many black shapes altogether?
- (3) How many black triangles?
- (4) How many black shapes that are not triangles?
- (5) How many shapes are not black?

- (6) In your book, draw a shape that could go here.



- (7) In your book, draw a shape that could go here.

- (8) Draw a shape that could go here.

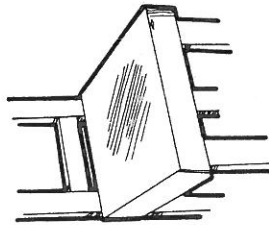
- (9) Draw a shape that could go here.

Surfaces

Flat
or
curved?

tough
or
smooth?

soft
or
hard?



Seat of chair

flat

smooth

hard



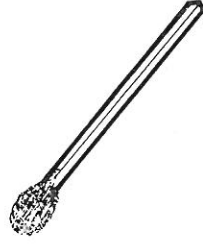
Kneecap



Football



Coke can



Match



New pencil



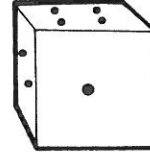
Balloon



Roll of sellotape



Door mat



Dice