

SMILE WORKCARDS

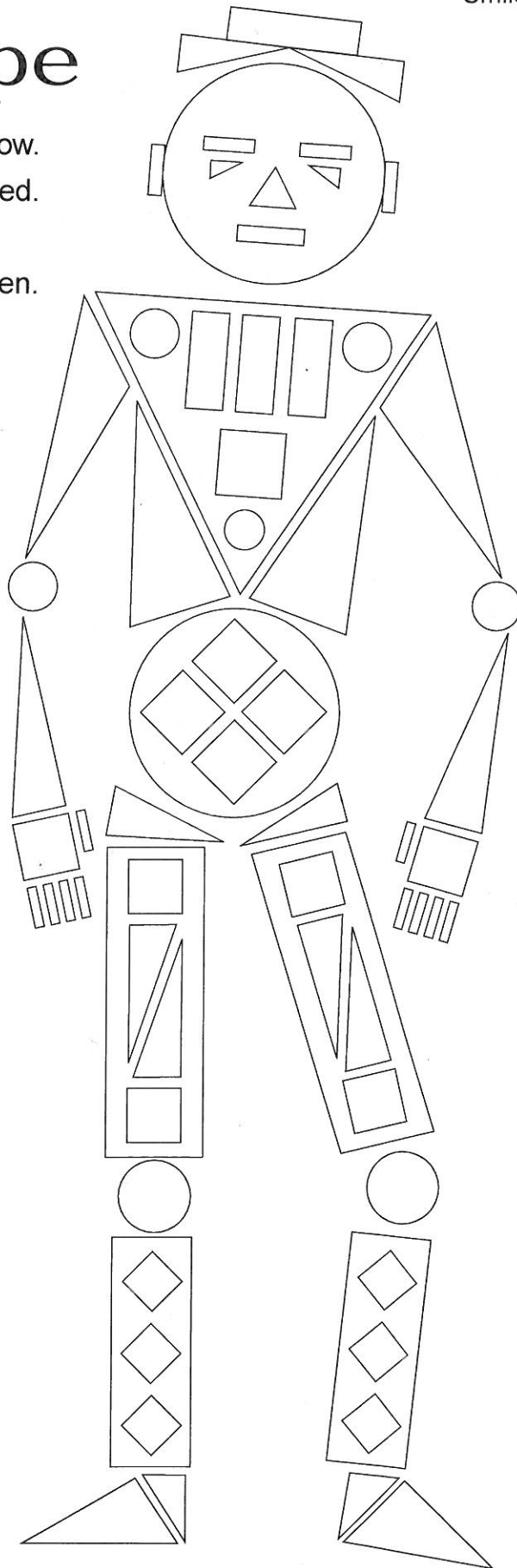
Properties of Shapes Pack One

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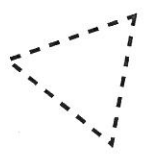
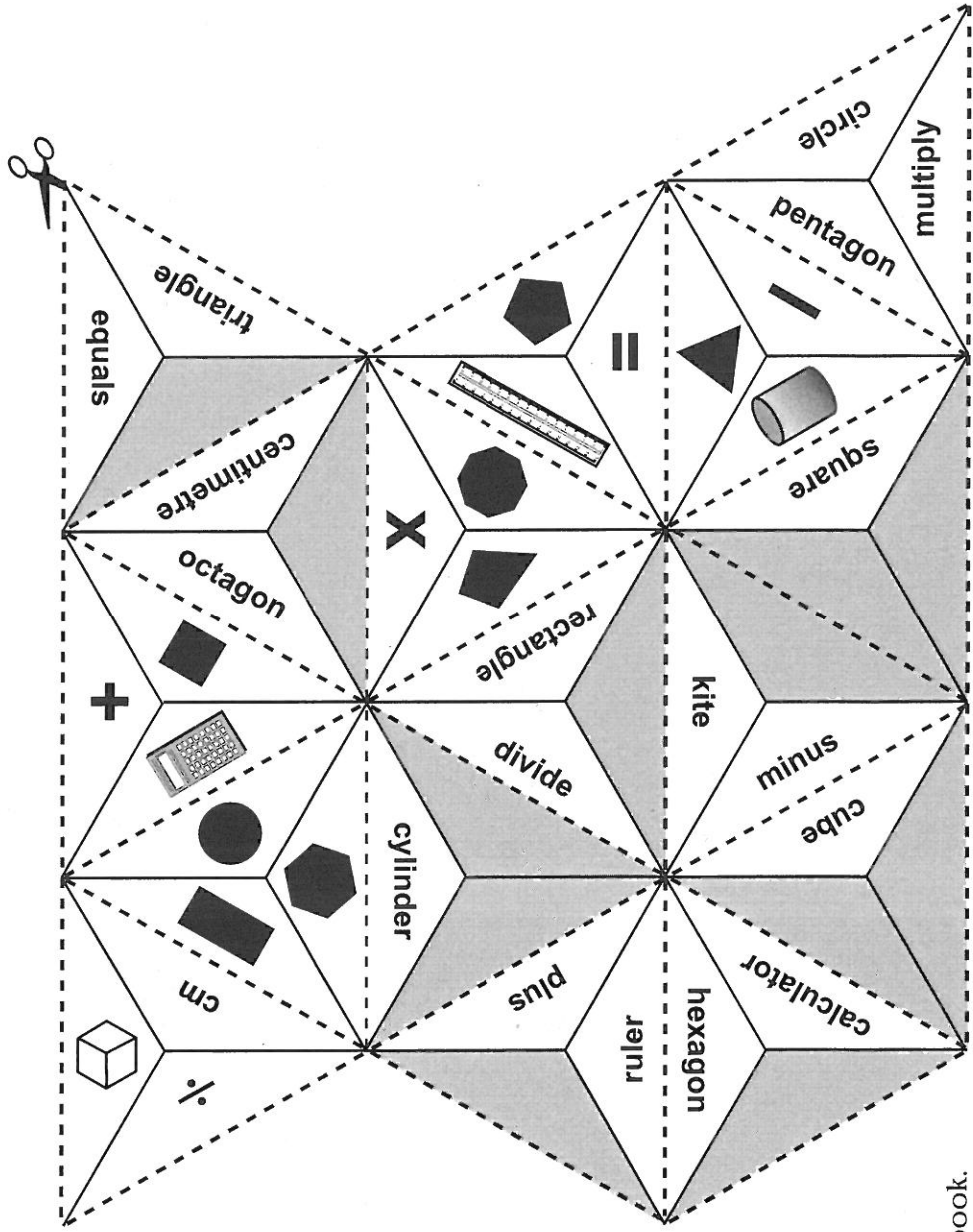
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Sam Shape

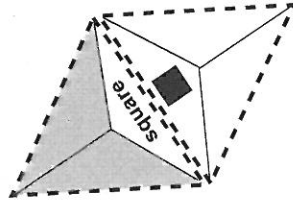
1. Shade all the **squares** yellow.
2. Shade all the **rectangles** red.
3. Shade the **triangles** blue.
4. Now shade the **circles** green.



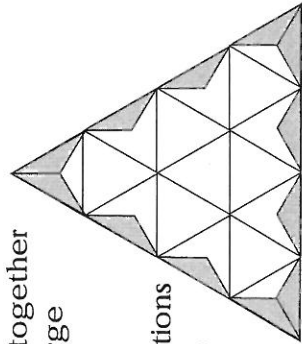
Word Match



1 Cut out the 16 equilateral triangles along the dotted lines.



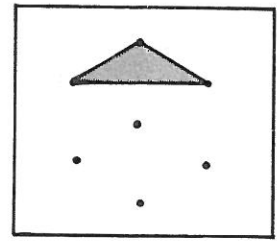
2 Match the words to the drawings or symbols.



3 Fit the triangles together to make one large triangle. The shaded sections mark the edges of the triangle.

4 Stick the completed large triangle in your book.

What Shapes?



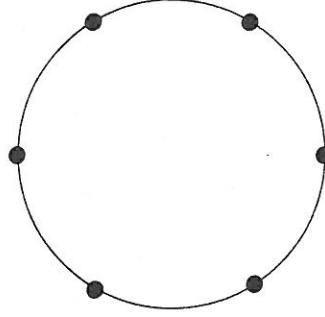
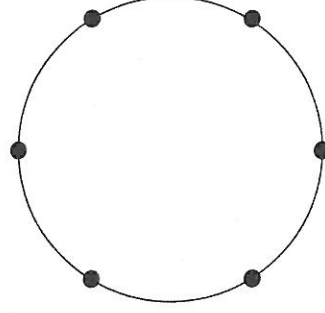
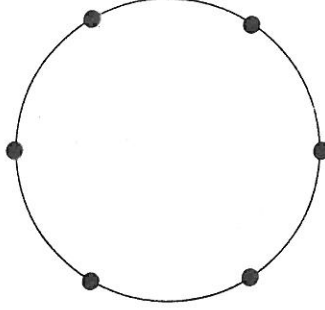
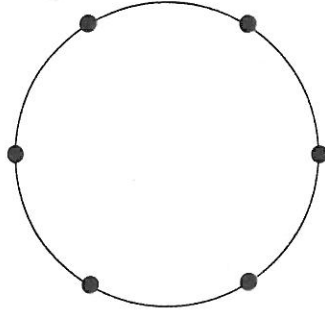
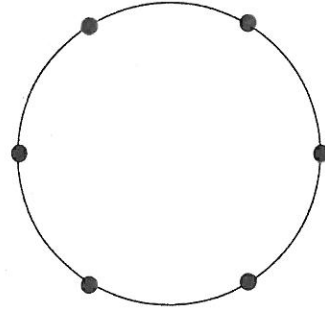
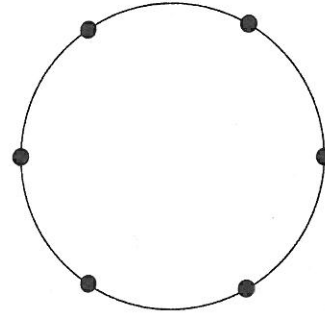
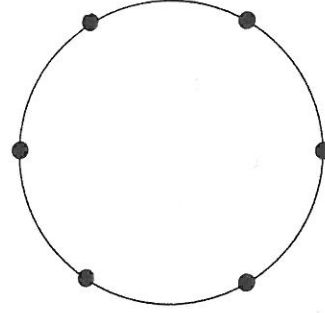
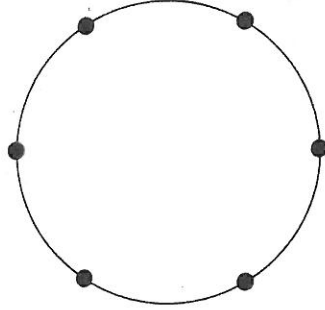
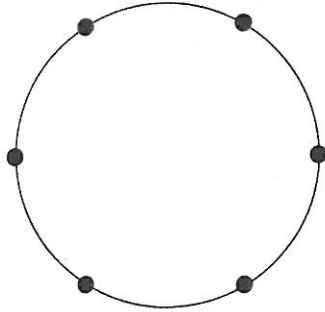
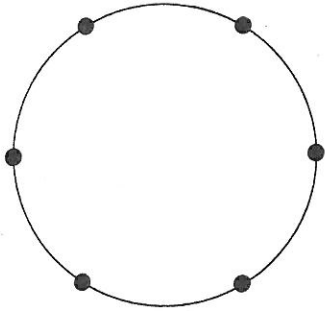
triangle

What shapes can you make?

SIM — a contest for 2 players.

Each player takes turns to join points of the circle, with a straight line, in her colour.

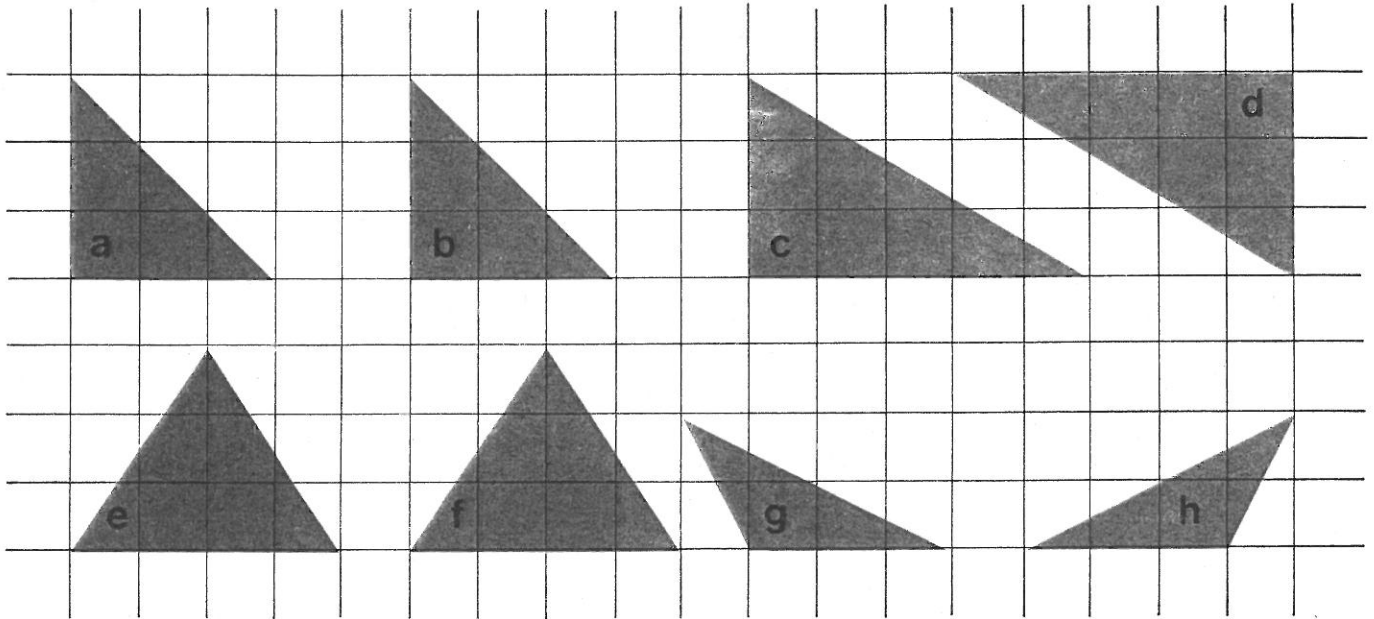
You lose if you complete a triangle of your own colour.





You will need centimetre squared paper

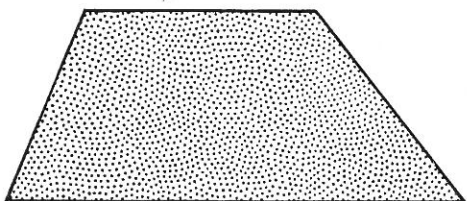
Triangle Pairs



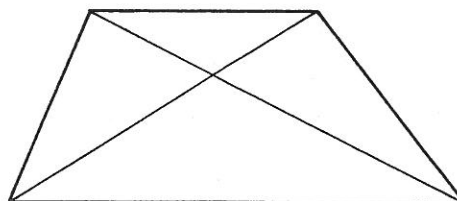
- 1) Copy these triangles. Use centimetre squared paper.
- 2) Which of these triangles are the same as each other? How many pairs can you find?
If you do not know, cut them out and find which two go together.
- 3) Which triangles have one square corner?
- 4) Which two triangles can be fitted together to make:— a square?
a rectangle?
- 5) What other shapes can you make using the pairs?

You will need squared paper, tracing paper and a ruler

Diagonals

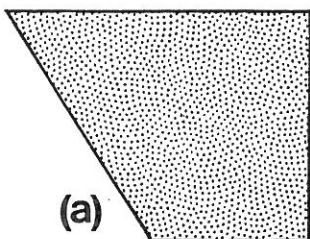


A quadrilateral has 4 sides

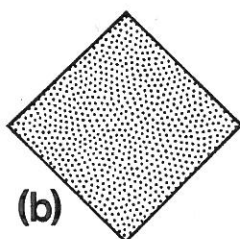


A quadrilateral has 2 diagonals

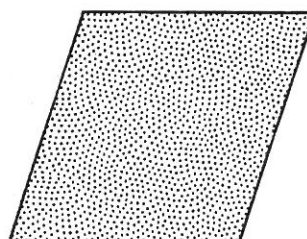
1. Copy these quadrilaterals. Draw the diagonals on them.



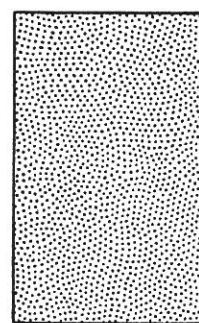
(a)



(b)

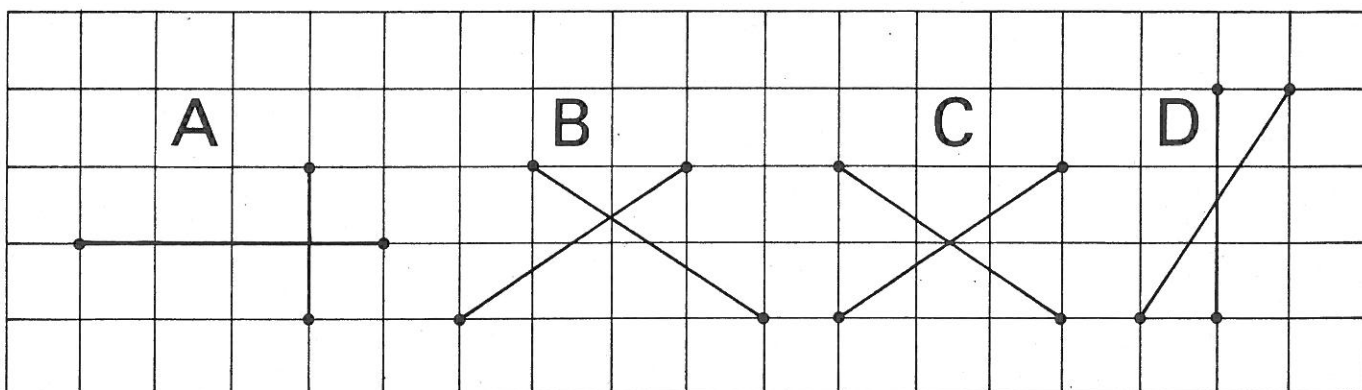


(c)

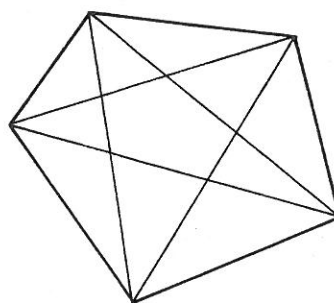


(d)

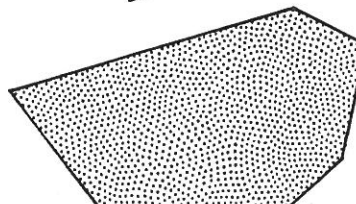
2. Copy these diagonals. Draw the shapes which belong to them.



3. How many diagonals has this pentagon?



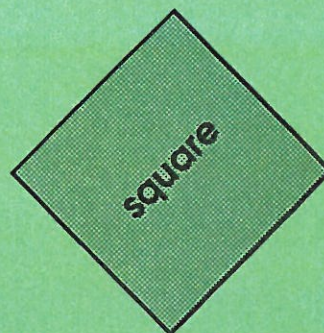
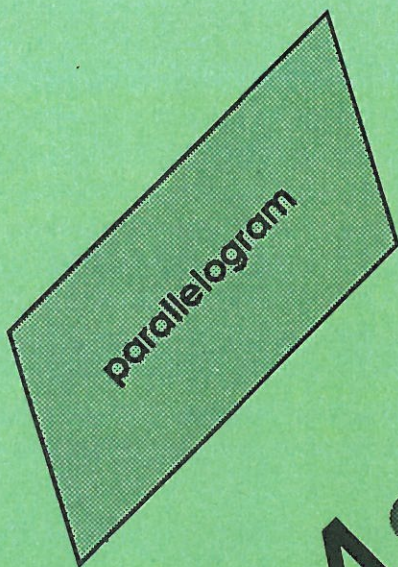
4. How many diagonals has this hexagon?



Find four squares

The dots are the corners of four squares. Find and draw the squares.

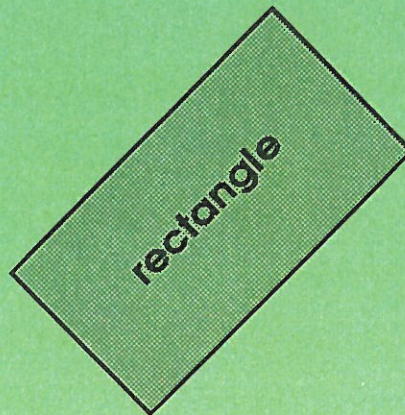
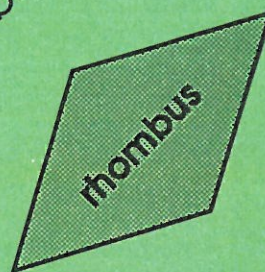
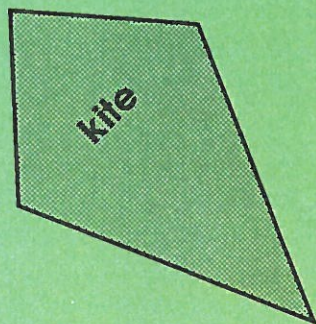




4sides

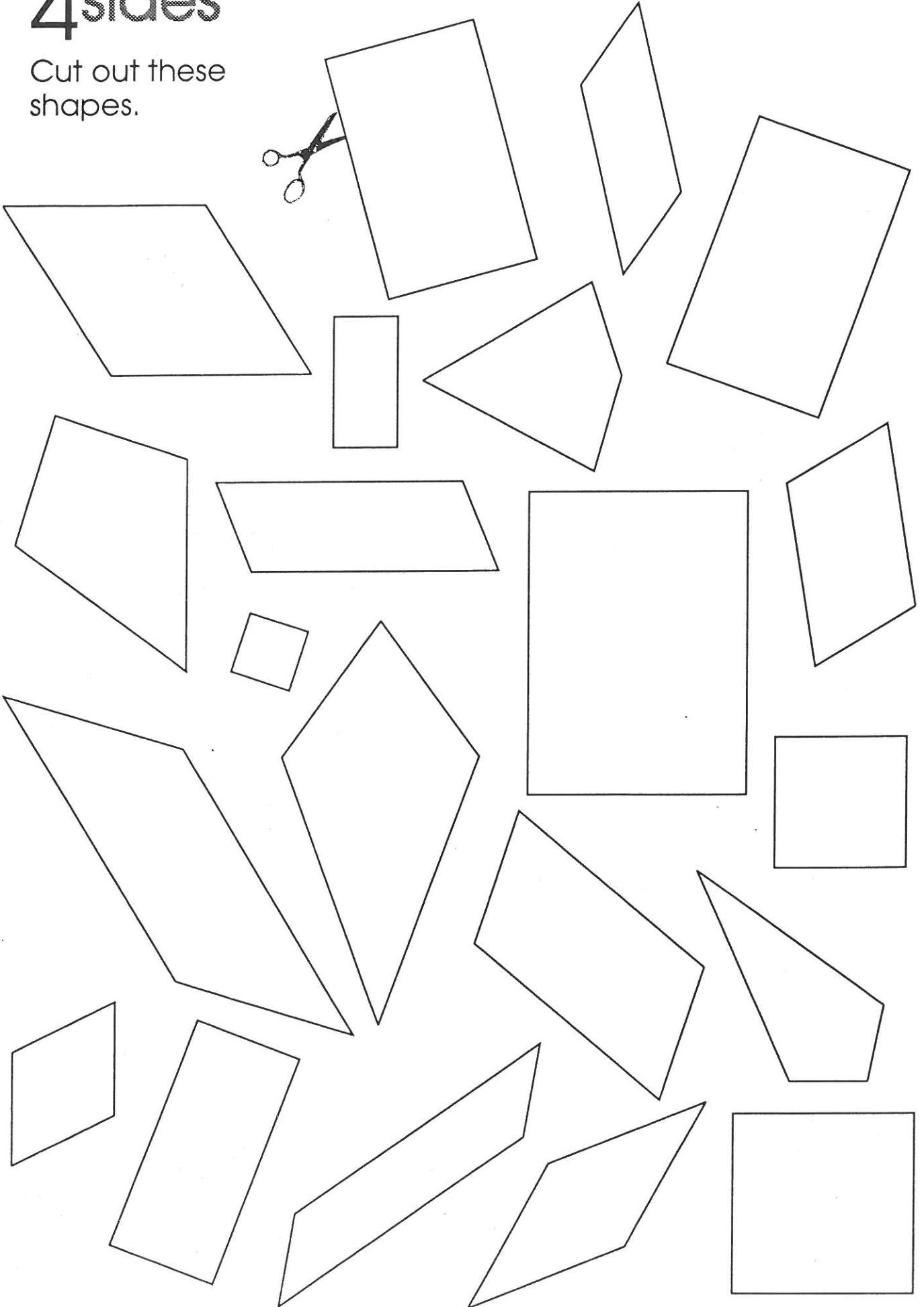
You will need Smile Worksheet 2054a.

- Cut out the shapes on the worksheet.
- Sort the shapes into these 5 different groups.
- Show the groups of shapes to your teacher.
- Stick the different groups into your book.



4 sides

Cut out these shapes.



Find the Shape

Can you find and colour in these shapes?

Rectangle

Triangle with all sides equal

Triangle with 2 sides equal

Triangle with no sides equal

Right angled triangle

Hexagon

Kite

Rhombus (diamond)

Parallelogram

Pentagon

Octagon

Did you find any other shapes?

