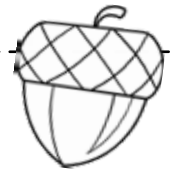


Geometry



My Name

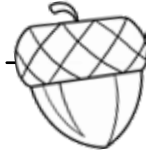


In this book

The **Mathseeds** program teaches children the core maths and problem solving skills needed to be successful at school.

Each online lesson begins by introducing and modelling a mathematical concept. The child then completes a wide range of activities to practise the new skill. These activities present the content in many different ways, so children learn to use and apply each new skill in a variety of situations.

This book is designed to supplement the online program with more exercises in the core mathematical concepts. Each unit focuses on a topic within the main learning strand, presenting a series of pen and paper activities, word problems, puzzles and games to practise their skills and understanding.



Mathseeds Geometry Series A Student Book

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Topic 1: 2D shapes

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16 • Rectangles	/ /
20 • Making new shapes	/ /
22 • Guess my shape (game)	/ /
23 • Straight and curved lines	/ /
26 • Doc's shapes (problem solving)	/ /
27 • Spin a shape (game)	/ /

Topic 2: 3D objects

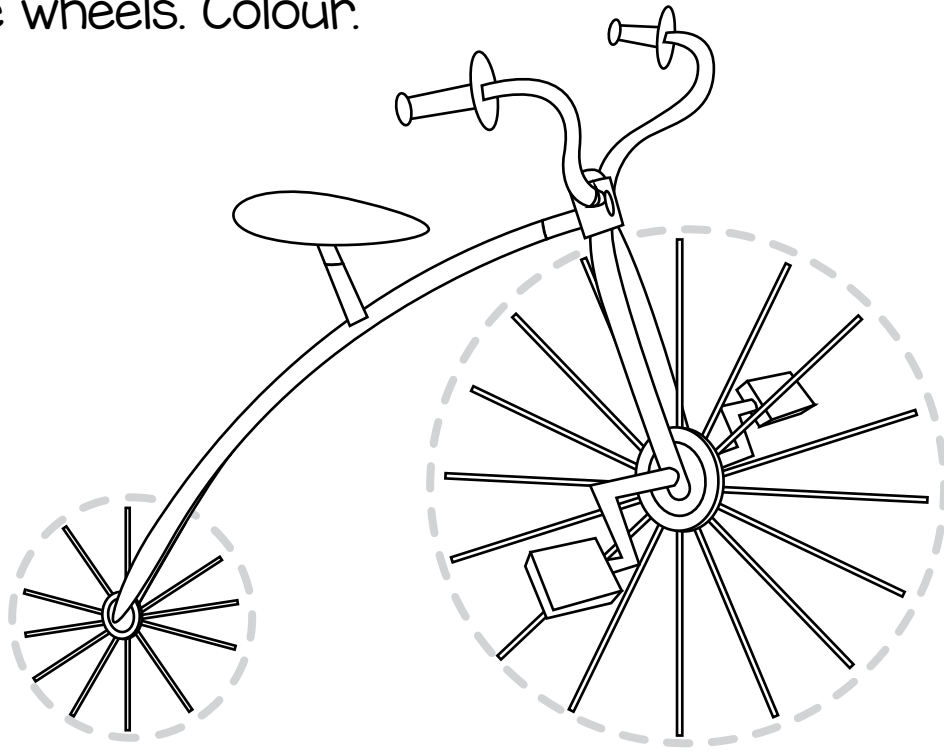
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34 • Cones and cylinders	/ /
38 • Find it!	/ /
39 • Ruby's shapes (problem solving)	/ /
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Topic 3: Position

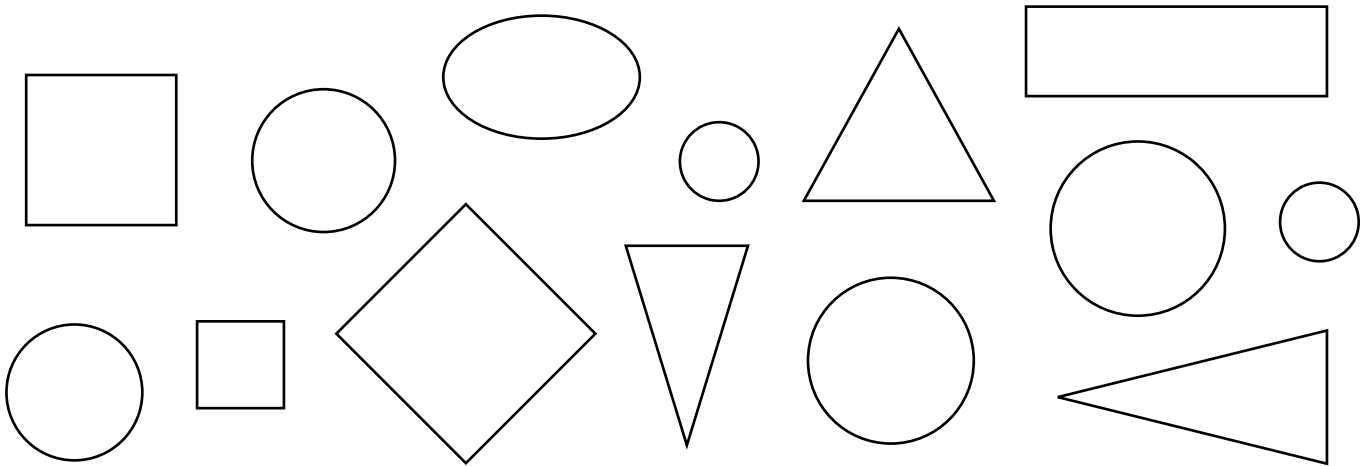
Page	Date Completed
41 • Position	/ /
46 • X marks the spot! (game)	/ /

Circles

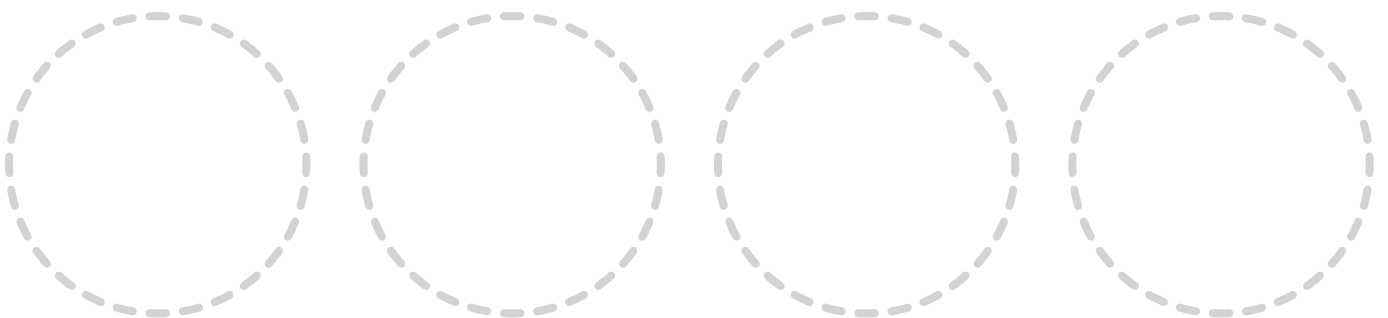
1 Finish the wheels. Colour.



2 Colour the circles.

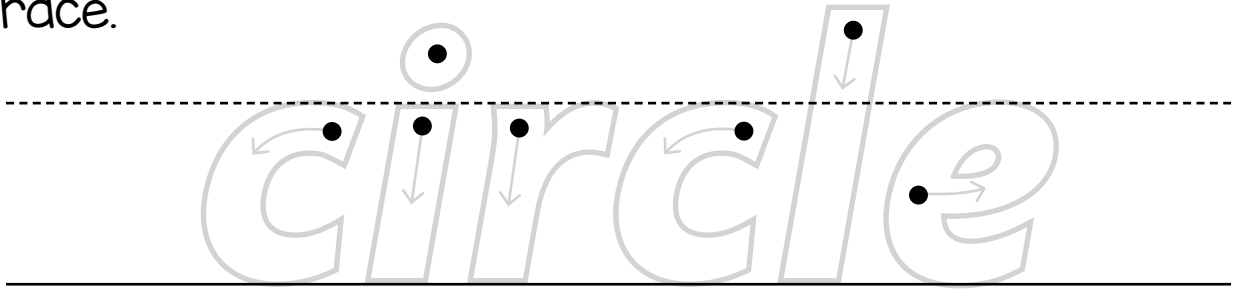


3 Trace the circles.

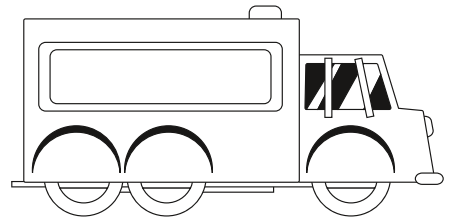
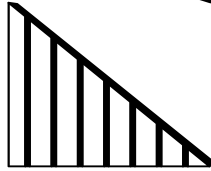
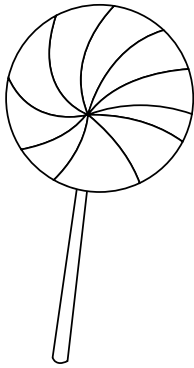
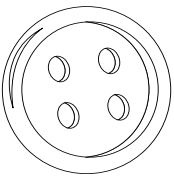
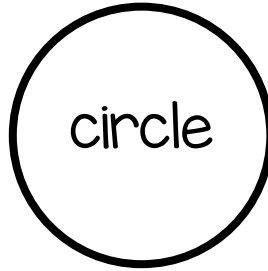
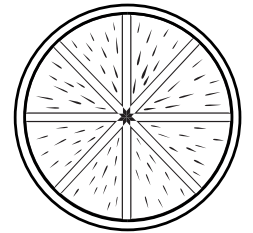
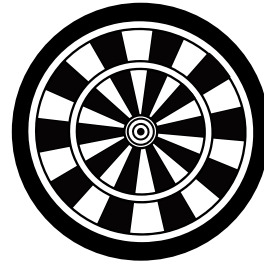
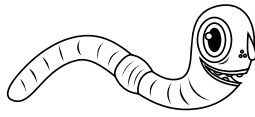
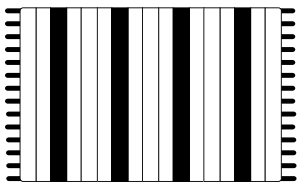


Circles

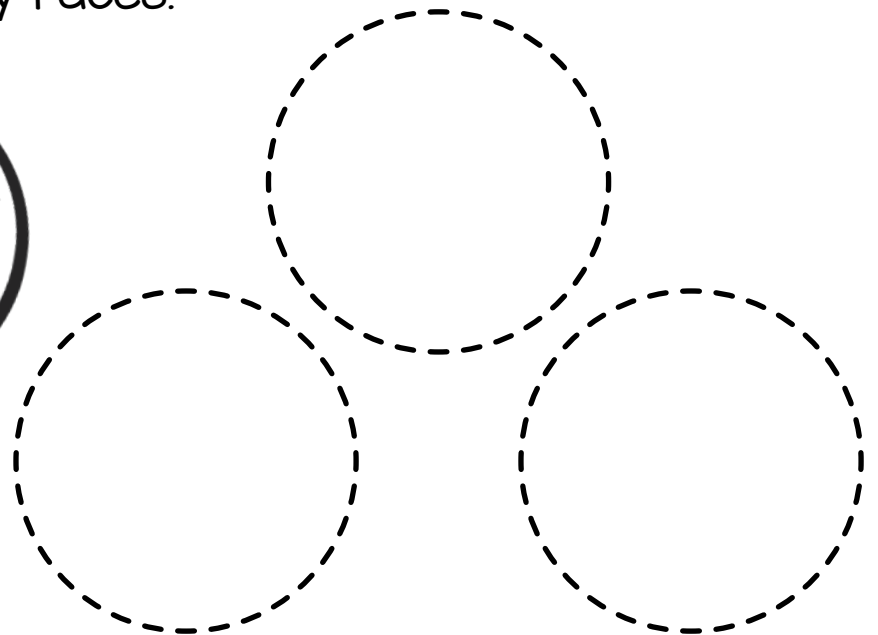
4 Trace.



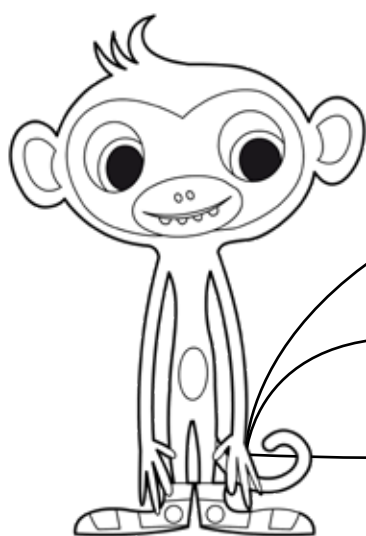
5 Which pictures are circles? Match



6 Draw your own funny faces.



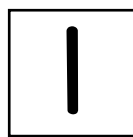
7 Finish Mango's balloons.



How many circles?

8 Trace the words and match to a symbol.

circle



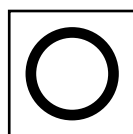
two



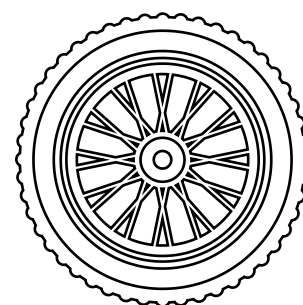
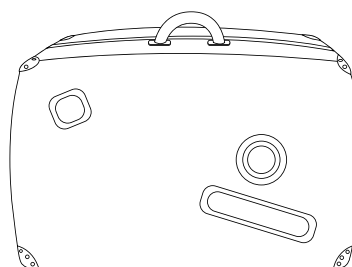
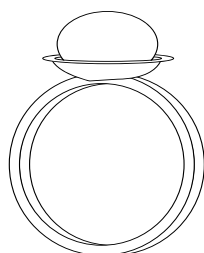
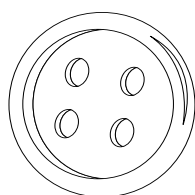
three



one





9 Colour the odd one out.



10 Find all the circles. Colour them in.

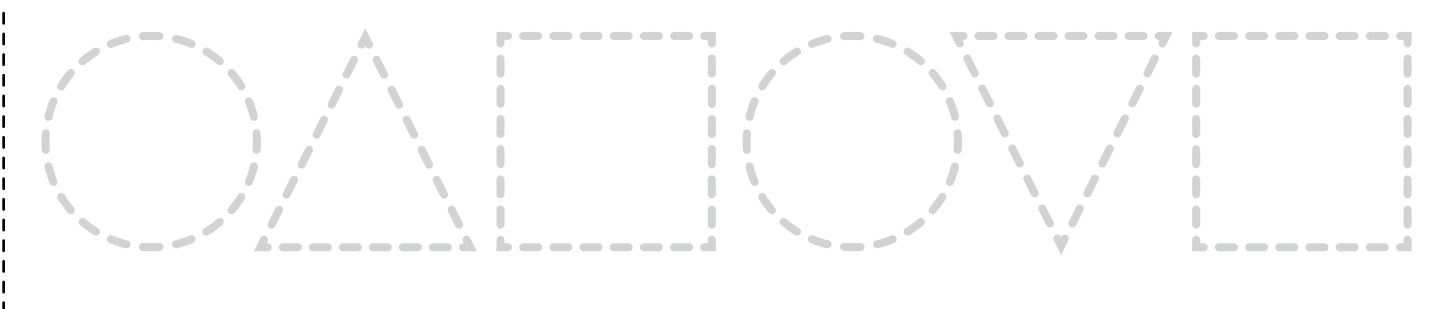


11 What is a circle? Circle the correct answers.

- a curved line 
- a straight line 
- 0 | 2 | 3 corners



12 Draw the shapes. Colour the circles.



Comparing circles

Practical

You will need: a round glass , a glue stick ,
a roll of sticky tape  and a 5c coin .

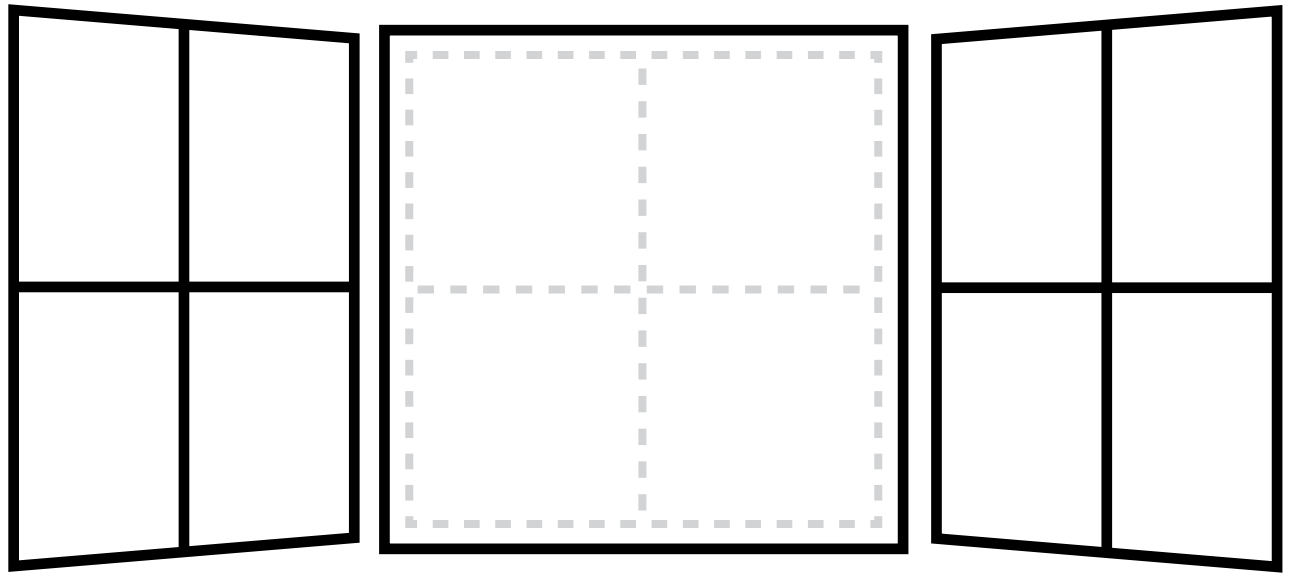
1 Draw around each object.

2 Colour the biggest ○ blue.

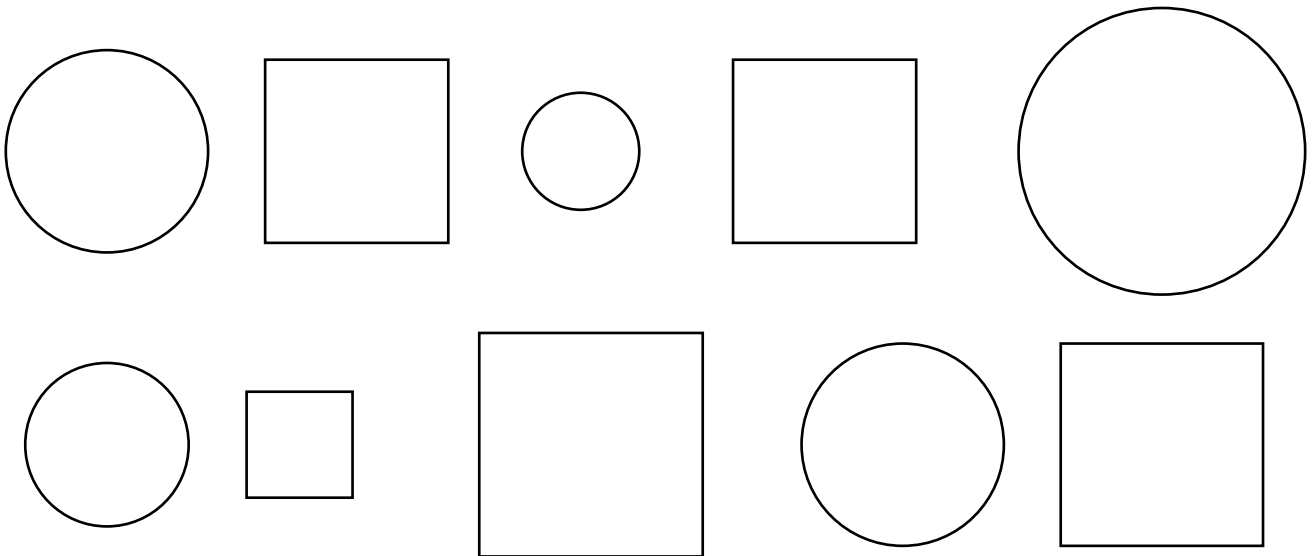
3 Colour the smallest ○ yellow.

Squares

1 Finish the windows. Colour.



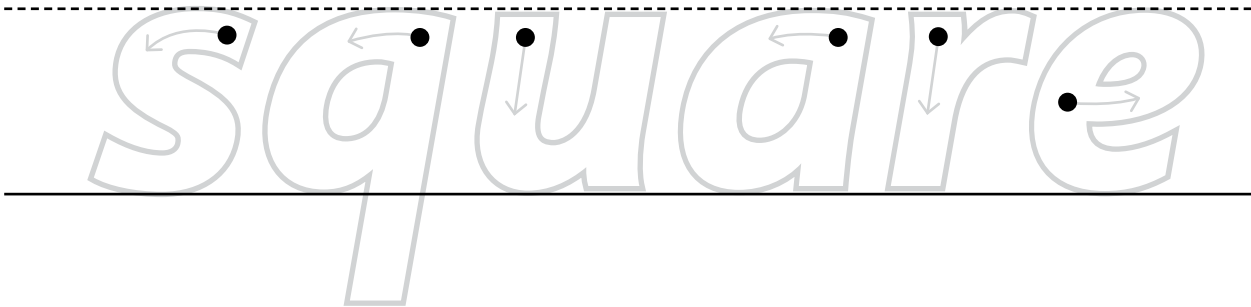
2 Colour blue, yellow.



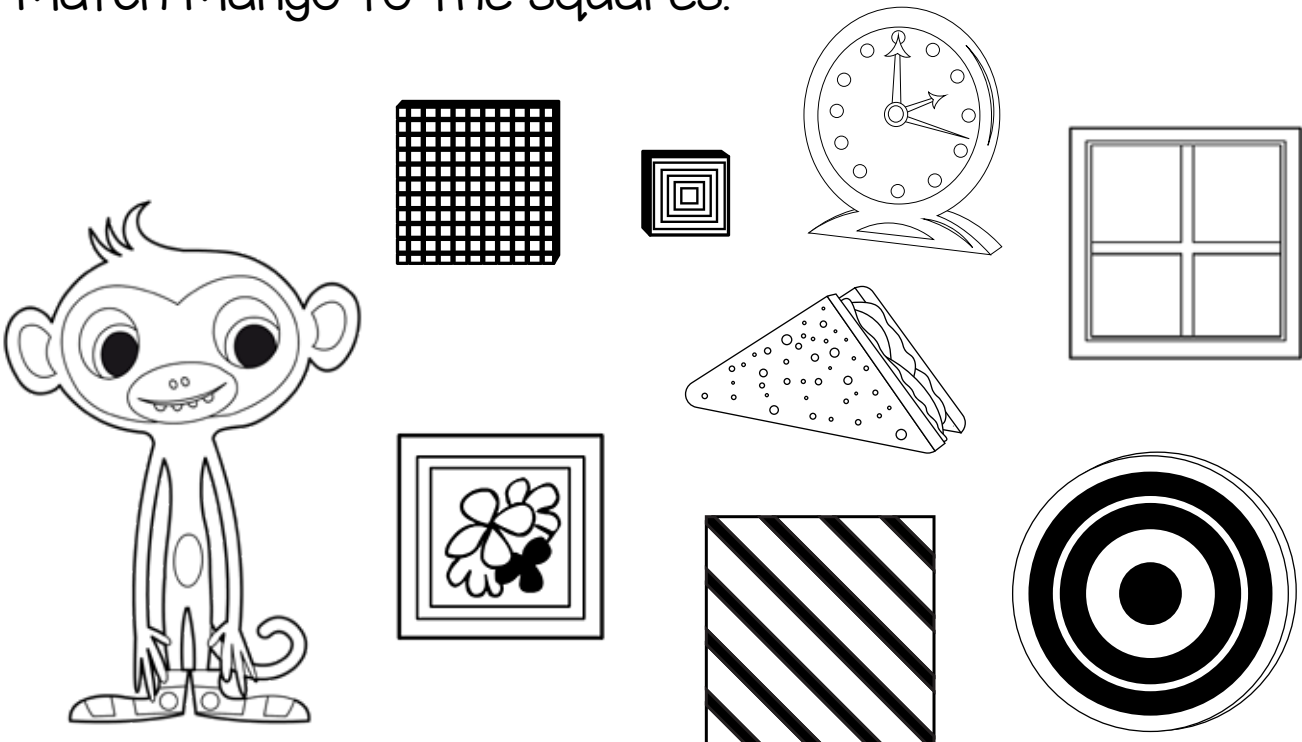
3 Trace.



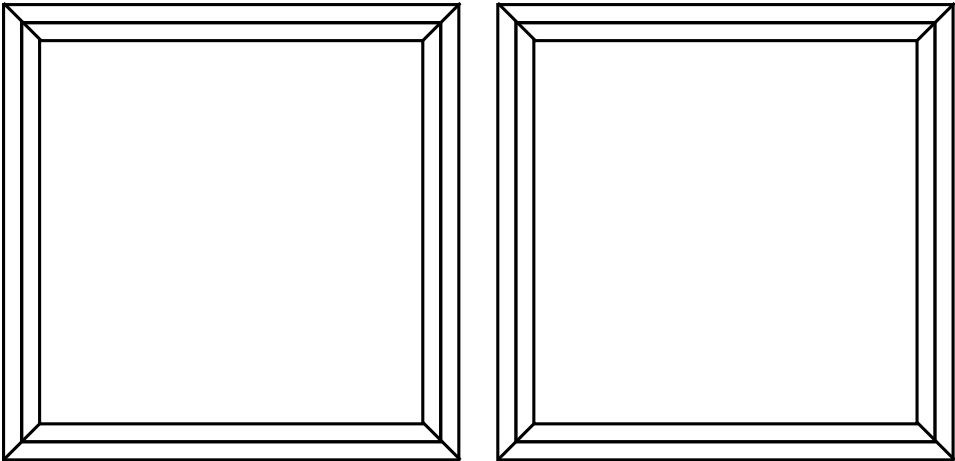
4 Trace.



5 Match Mango to the squares.



6 Draw your own shape pictures in the frames.



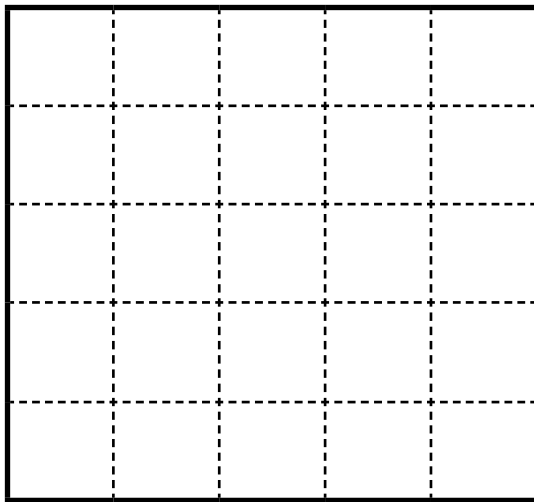
Squares

7 Write the word. Draw the shape.

square

circle

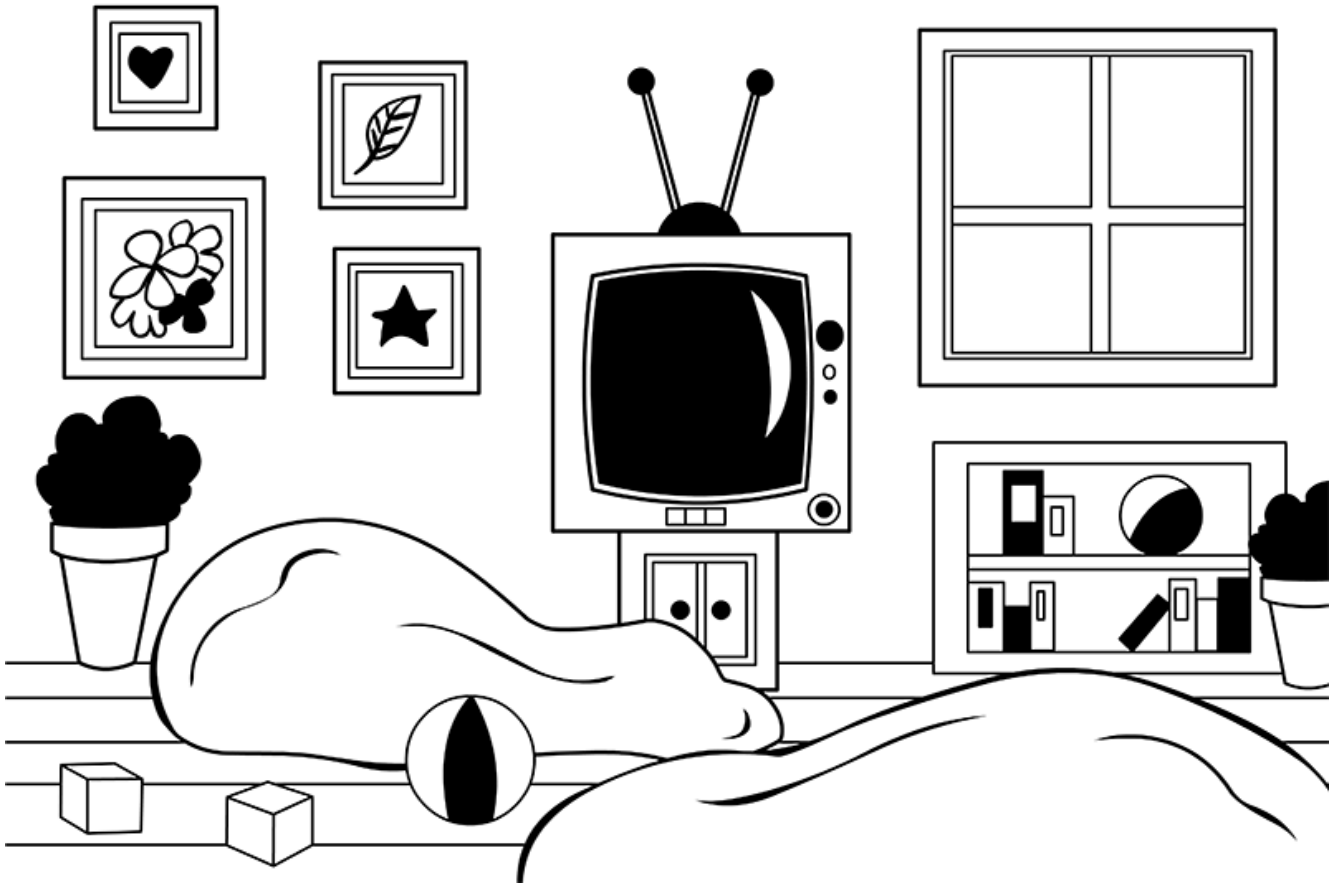
8 Trace the squares. Colour Ruby's quilt.



9 Colour the squares to make a pattern.





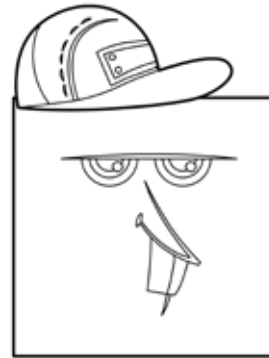
10 Find all the squares. Colour them in.



11 What is a square? **Circle** the correct answers.

Squares have:

- curved sides 
- straight sides 
- 0 | 2 | 3 | 4 corners



12 Put a square frame around each picture.

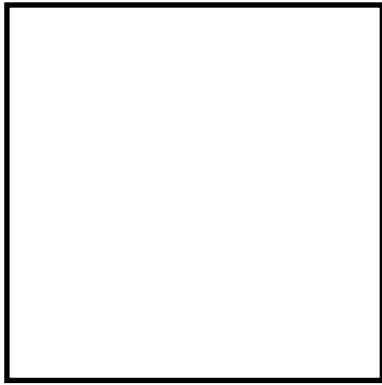


How many squares?

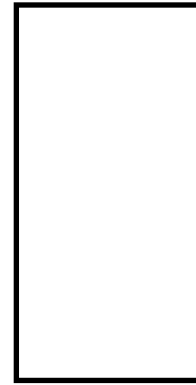
Practical

You will need some square pattern blocks .

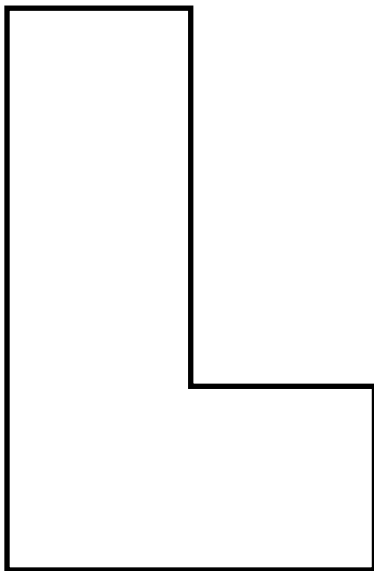
Make each shape with the blocks.



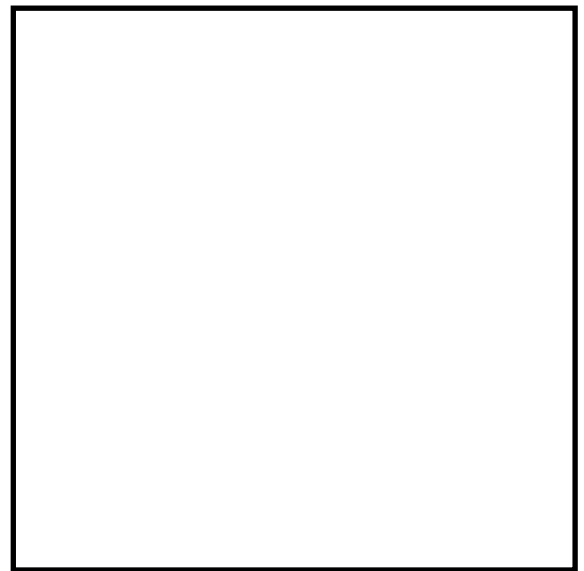
How many  blocks? _____



How many  blocks? _____



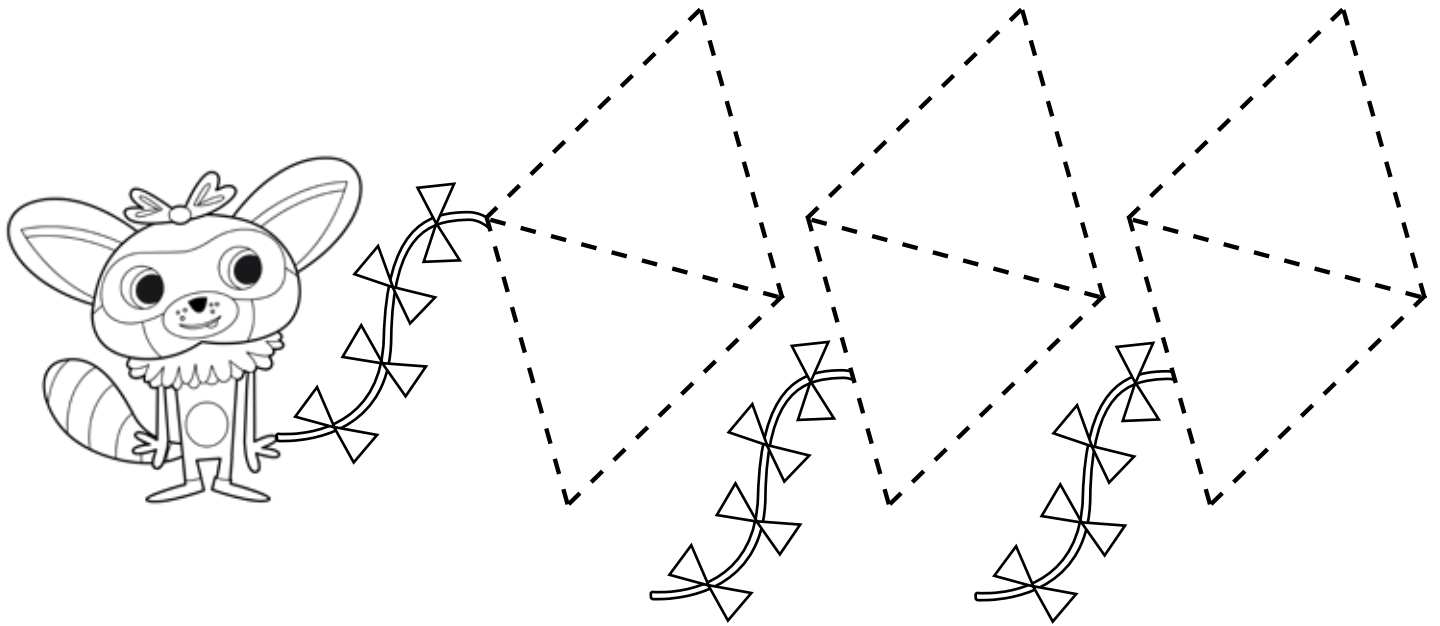
How many  blocks? _____



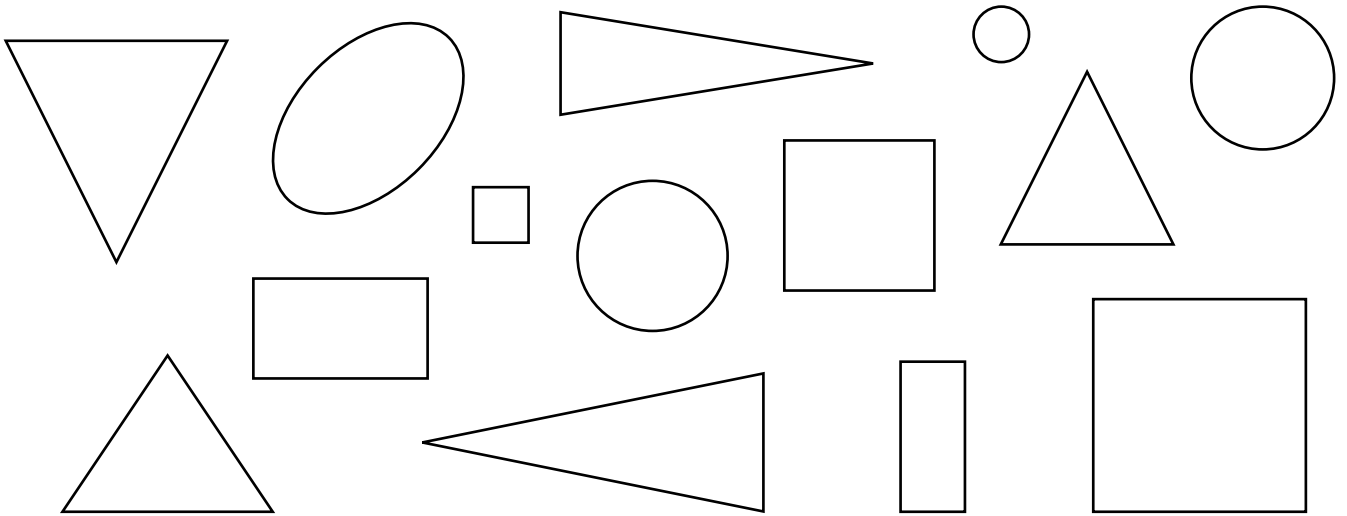
How many  blocks? _____

Triangles

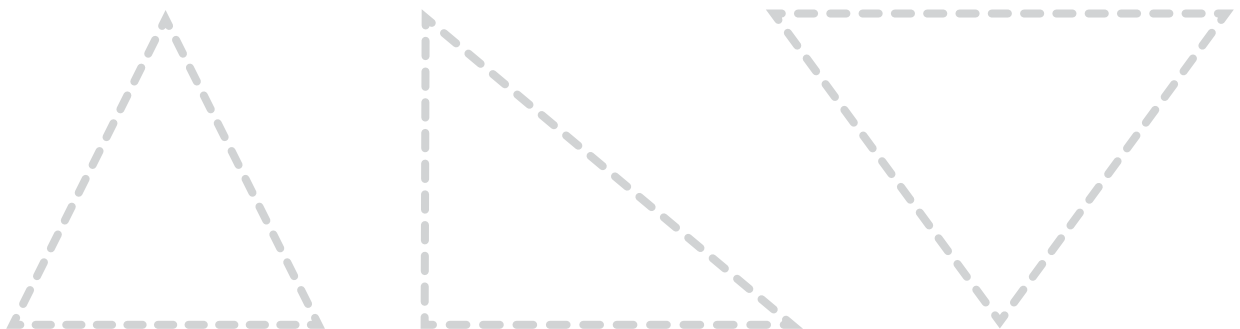
1 Finish Ruby's kites. Colour.



2 Colour the triangles.



3 Trace.

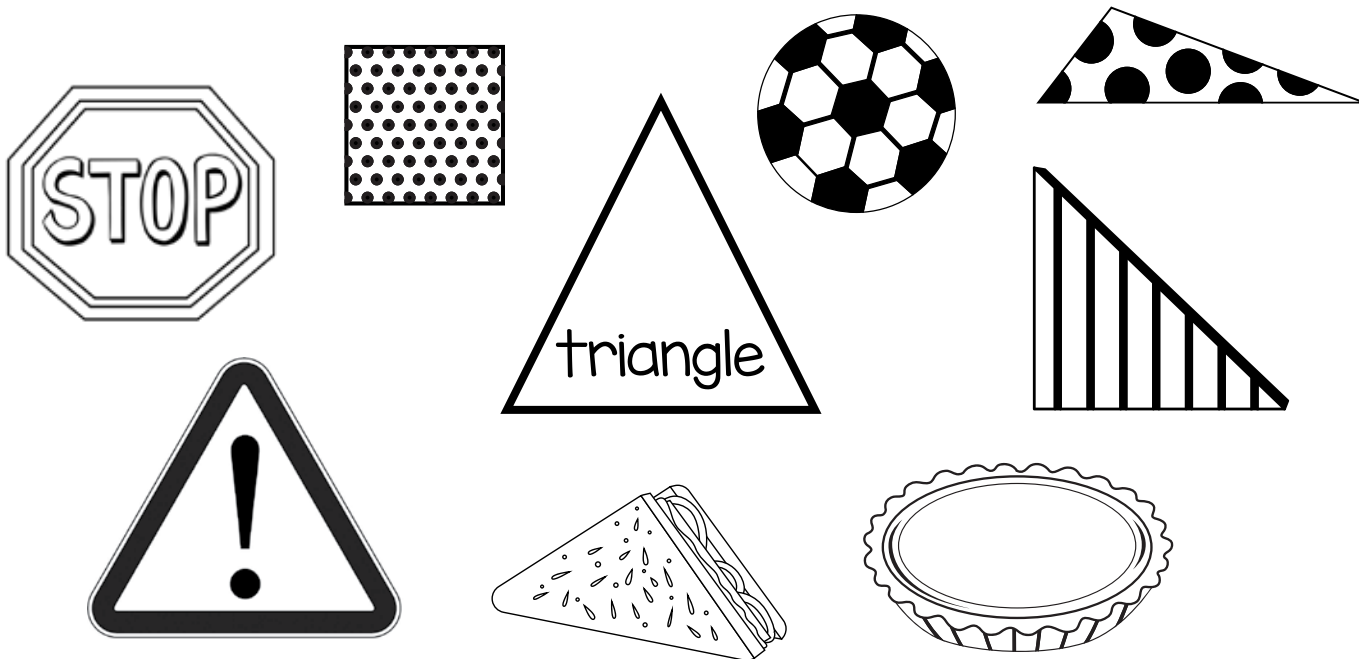


Triangles

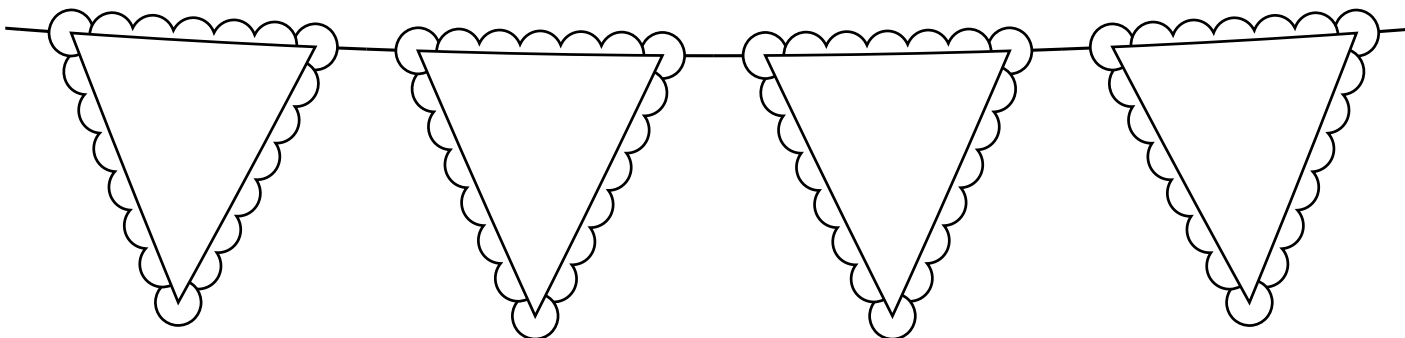
4 Trace.



5 Which pictures are triangles? Match.



6 Colour the flags. How many triangles?



7 Trace the words and match to a shape.

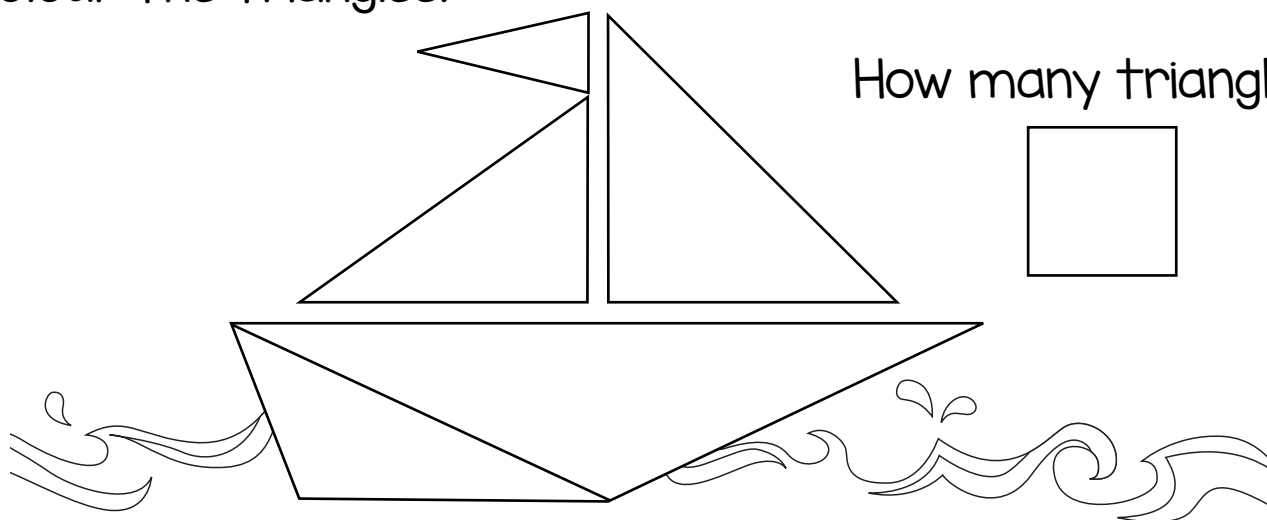
triangle

circle

square

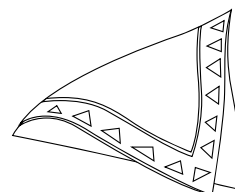
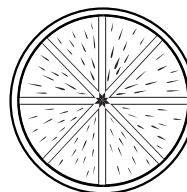
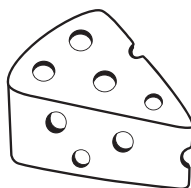
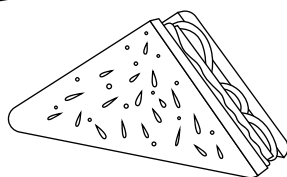


8 Colour the triangles.



How many triangles?

9 Circle the odd one out.



How many triangles?

How many circles?