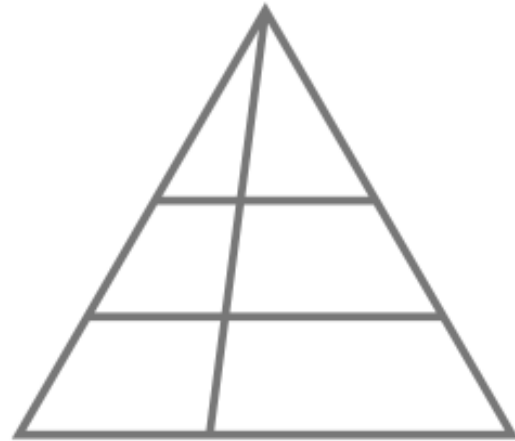
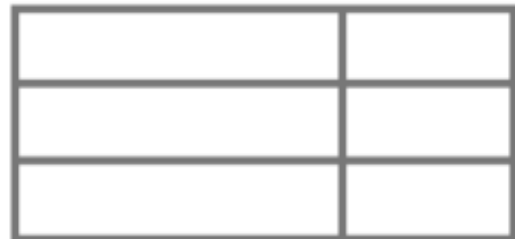


Spot the shapes 1

1. How many triangles can you count?



2. How many rectangles can you count?



3. Draw your own diagram to count triangles.
How many can a friend find?
Can you find more?

25

Teaching objectives

Solve mathematical problems or puzzles.
Visualise 2-D shapes.
Explain methods and reasoning.

Ben's numbers

Ben has written a list of different whole numbers.
The digits of each number add up to 5.
None of the digits is zero.

Here is one of Ben's numbers.

23

Ben has written all the numbers he can think of.
How many different numbers are there in his list?

Write all the numbers in order.

Teaching objectives

Solve a given problem by organising and interpreting data in a simple table.
Write whole numbers in figures; know what each digit represents.
Order whole numbers.

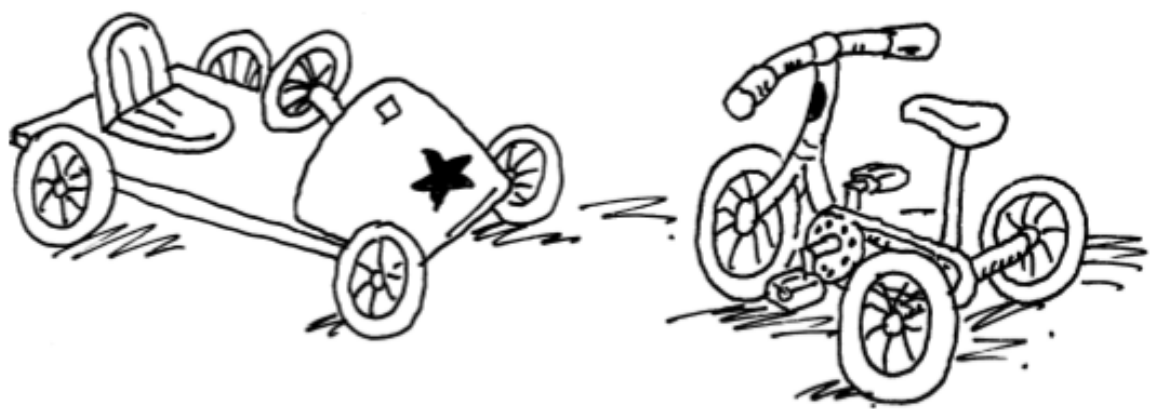
24

At the toy shop

The toy shop stocks tricycles and go-carts.

The tricycles have 3 wheels.

The go-carts have 5 wheels.



Suna counted the wheels.

He counted 37 altogether.

How many tricycles are there?

How many go-carts?

Find two ways to do it.

23

Teaching objectives

Solve mathematical problems or puzzles.

Recognise multiples of 3 and 5.

Add mentally a pair of two-digit numbers.

Ones and twos

Holly has six numbers, three 1s and three 2s.
She also has lots of + signs, \times signs and = signs.

1 2 1 2 1 2

She is trying to make the biggest number possible.
Here are some she tried.

First try

$$1 \times 2 = 2$$

$$1 \times 2 = 2$$

$$1 \times 2 = 2$$

$$2 + 2 + 2 = 6$$

Second try

$$1 + 2 + 1 + 2 + 1 + 2 = 9$$

Can you beat Holly's score?

What if Holly had three 2s and three 3s?

Teaching objectives

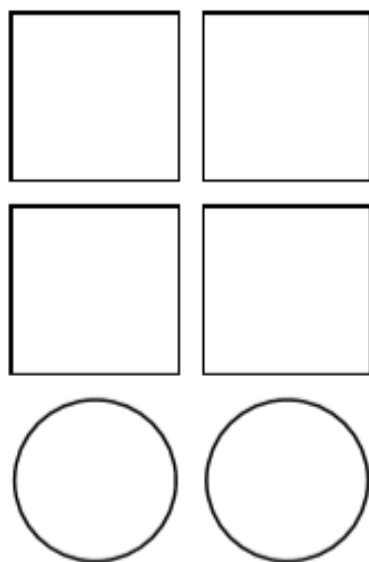
Solve mathematical problems or puzzles.
Use known number facts to add mentally.
Carry out simple multiplication.

20

Coloured shapes

What colour is each shape?

Write it on the shape.



Clues

- ◆ Red is not next to grey.
- ◆ Blue is between white and grey.
- ◆ Green is not a square.
- ◆ Blue is on the right of pink.

Teaching objectives

Solve mathematical problems or puzzles.
Explain methods and reasoning.