

Maths Challenge Cards



Are you a maths whizz ?

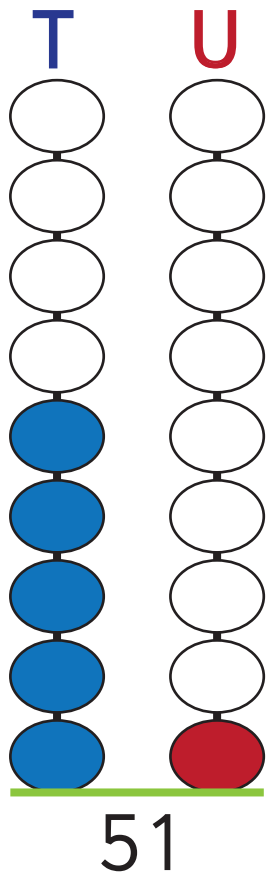
Copyright 2011 www.tpet.co.uk

Maths Challenge Cards



Are you a maths whizz ?

Copyright 2011 www.tpet.co.uk



★ If you colour 3 beads on a tens and units abacus you can make these numbers: 30 21 12 3

★ What numbers can you make by colouring in 6 beads?

★ Use the tens and units abacus sheets to show your results.

← I've done 1 for you!



Please photocopy additional abacus sheet for this task.



★ Pick 3 of the numbers above.

Write them down and add them.

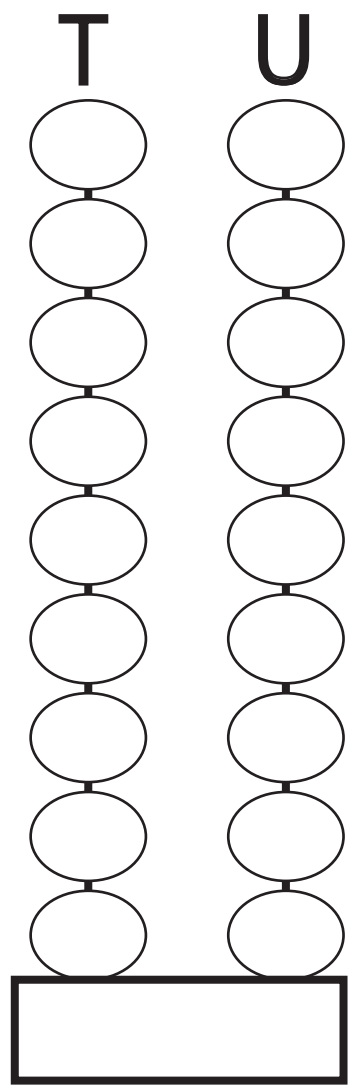
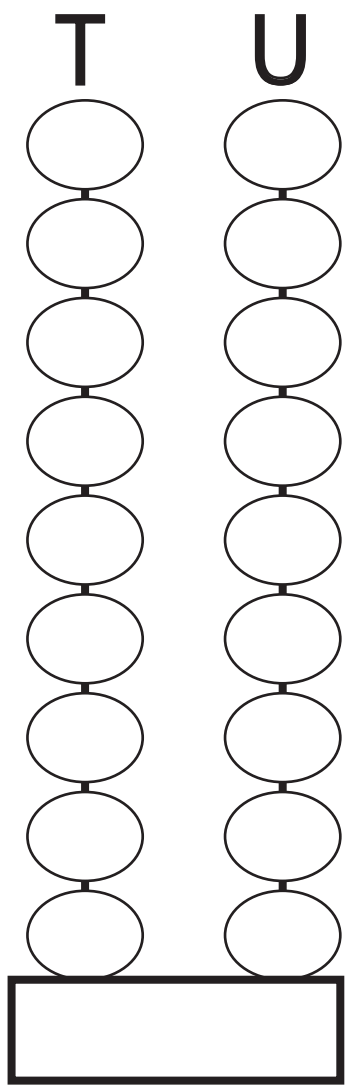
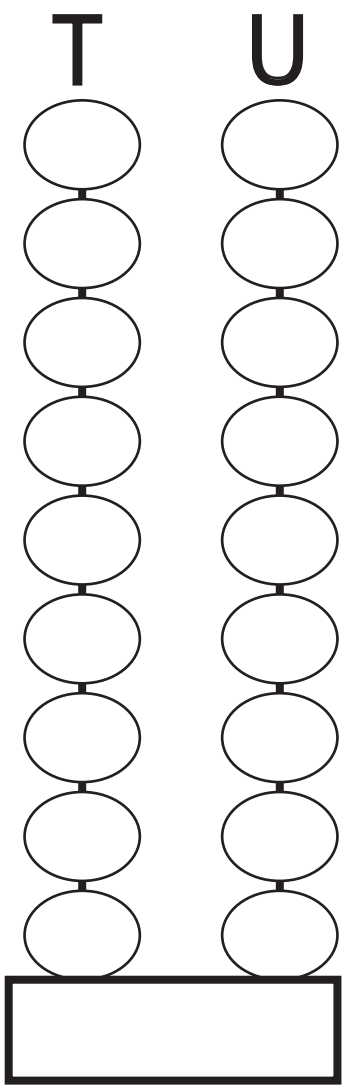
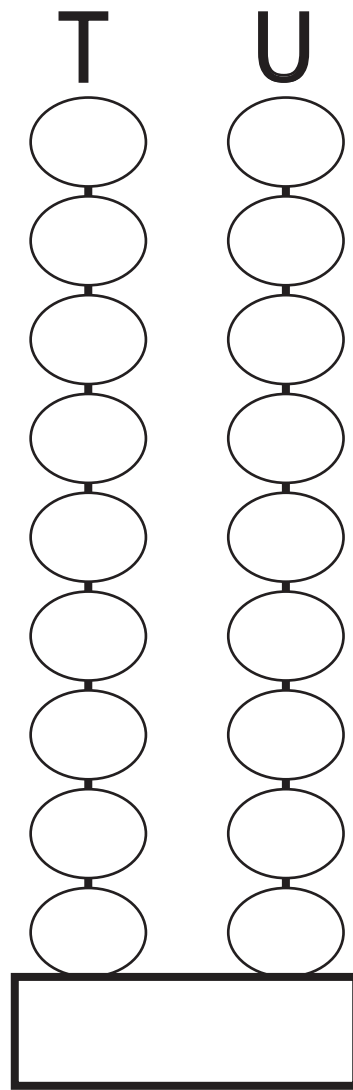
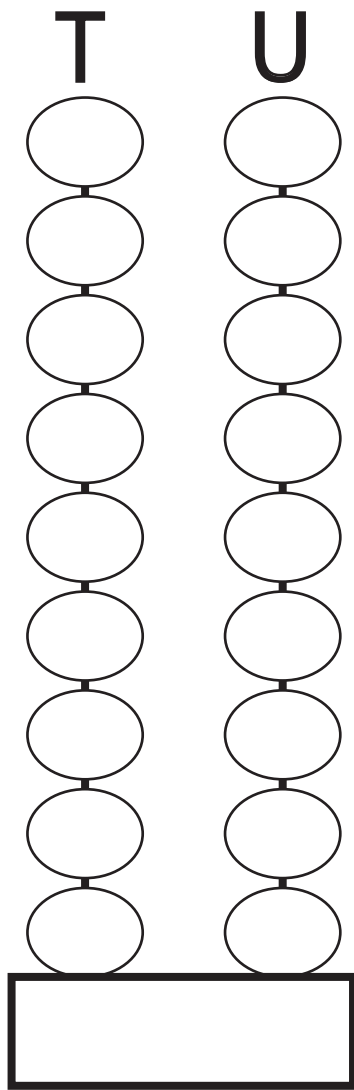
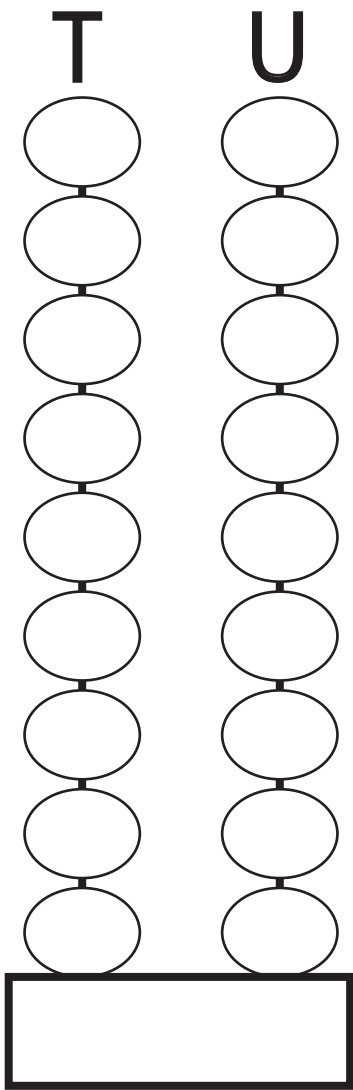
★ Now pick a different set of 3 numbers.

Write them down and add them.

★ How many different additions and answers can you find?



Please photocopy additional addition sheets for this task.



Adding 3 numbers challenge.

2

3

4

5

6

$$\square + \square + \square = \square$$

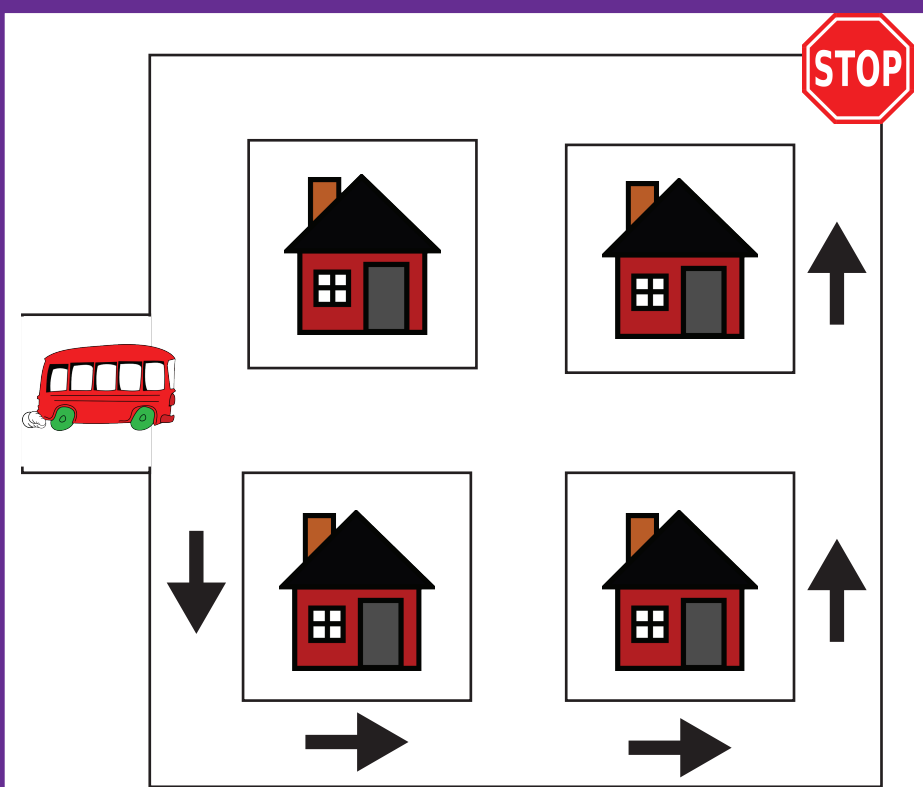
$$\square + \square + \square = \square$$

$$\square + \square + \square = \square$$


$$\square + \square + \square = \square$$

$$\square + \square + \square = \square$$

$$\square + \square + \square = \square$$

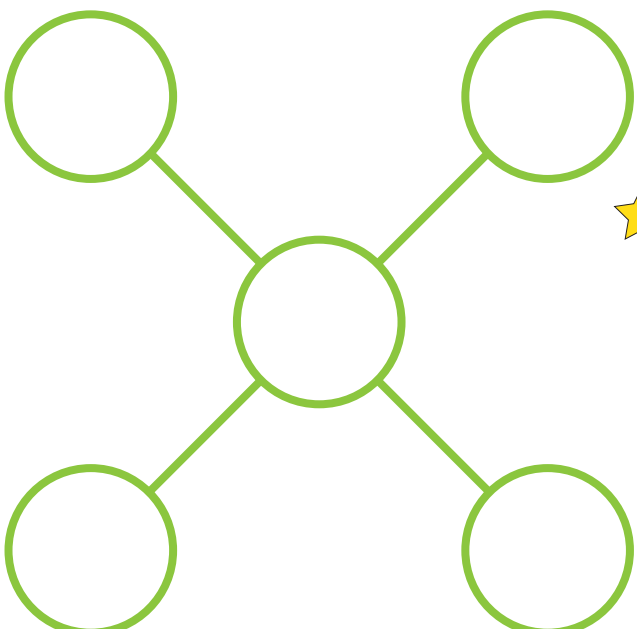


★ The bus went to the stop. He did it by turning: right, left, straight on, left, straight on. Use the blank map to find 5 other bus routes to take.


Year 1 

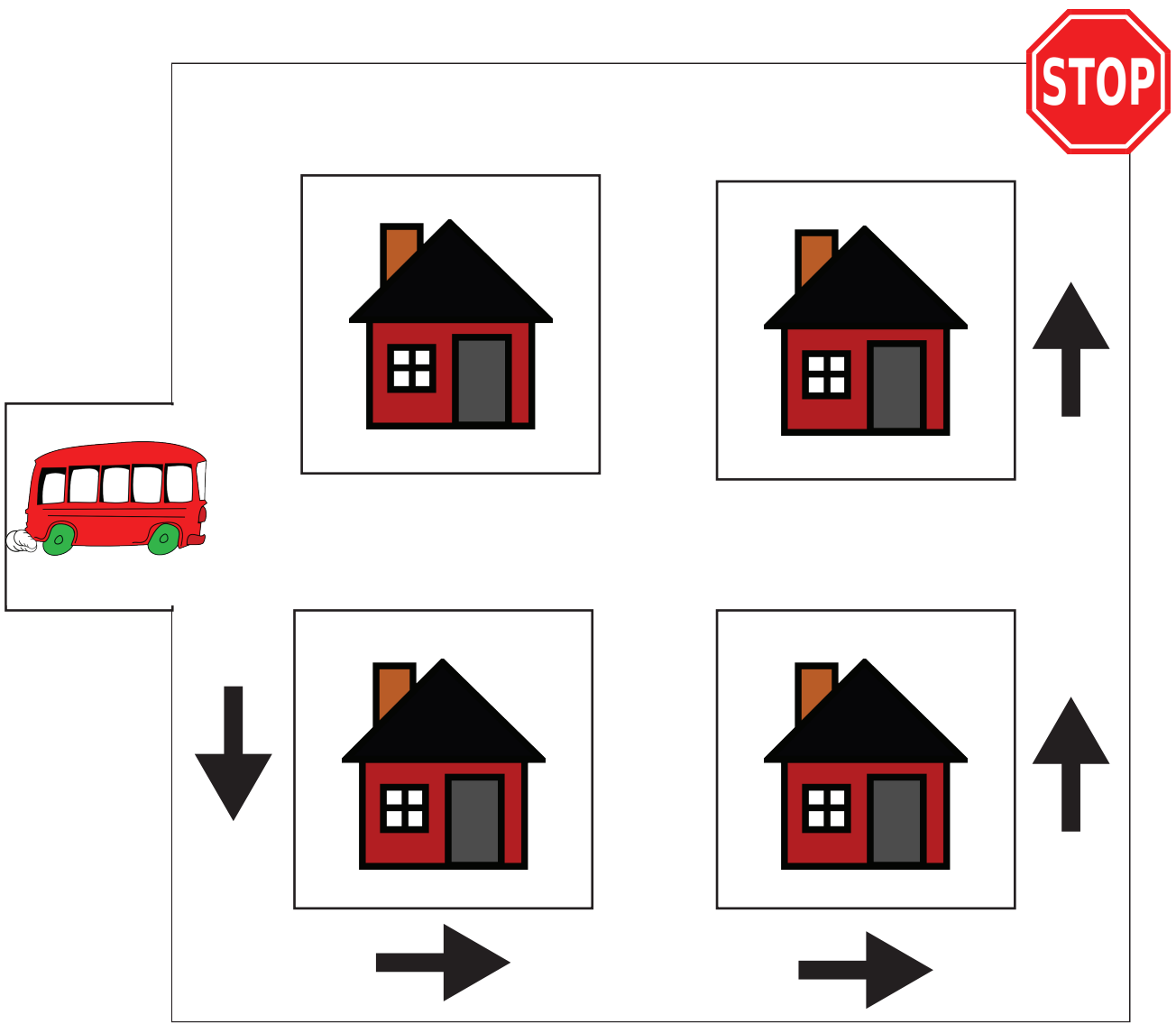
Please photocopy additional bus route sheet for this task.

★ Can you put the numbers 1, 2, 3, 4 and 5 in the circles so that both lines of 3 add up to the same total?



★ How many ways can you find to do it?

Year 1 



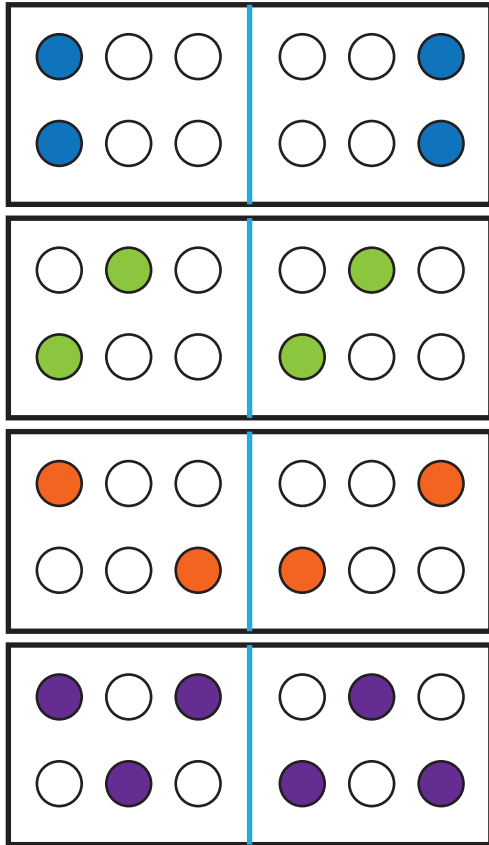
1. _____

2. _____

3. _____

4. _____

5. _____



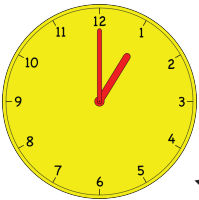
★ Can you spot the dominoes that are not symmetrical?

★ Can you colour in the correct spots on the dominoes activity sheet to make the dominoes symmetrical?

(a mirror placed on the blue line might help)



Please photocopy additional dominoes sheet for this task.



What can you do in 1 minute?

★ How many times can you write your name?

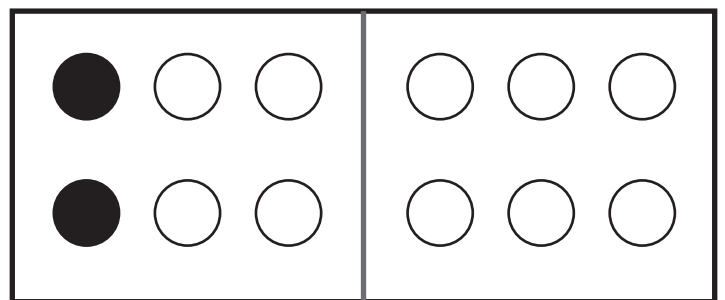
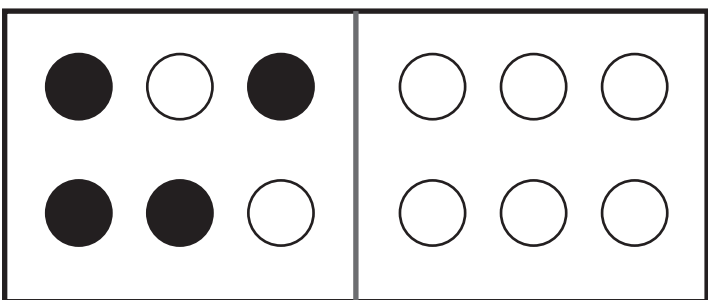
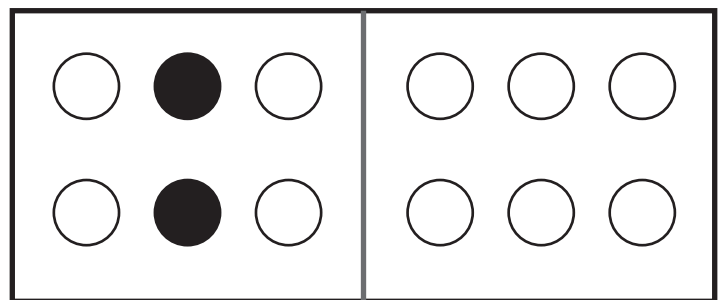
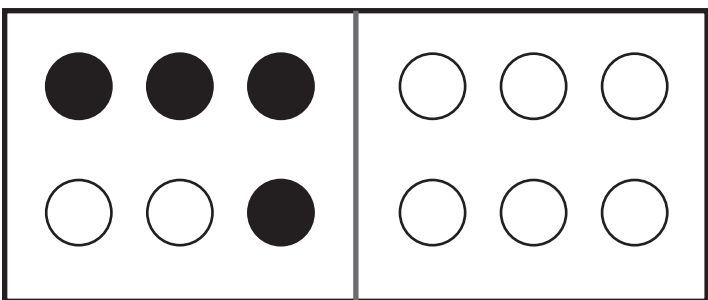
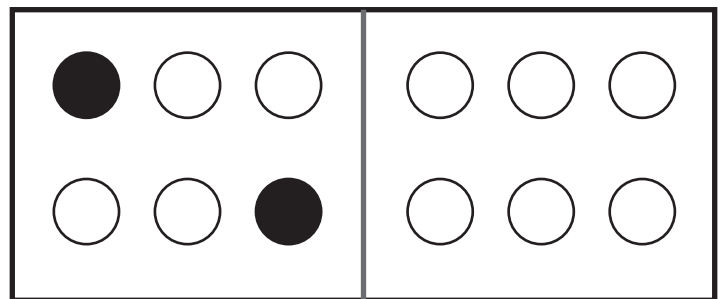
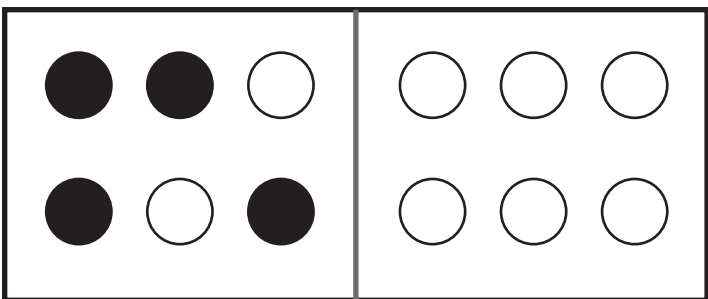
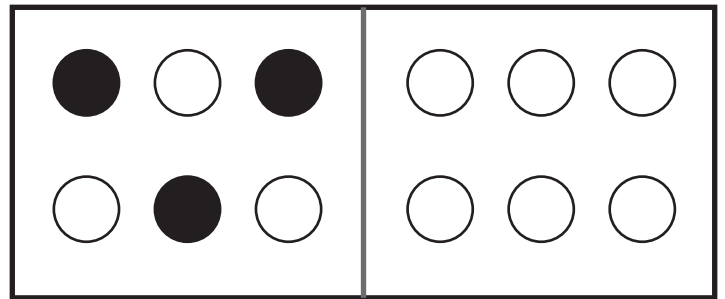
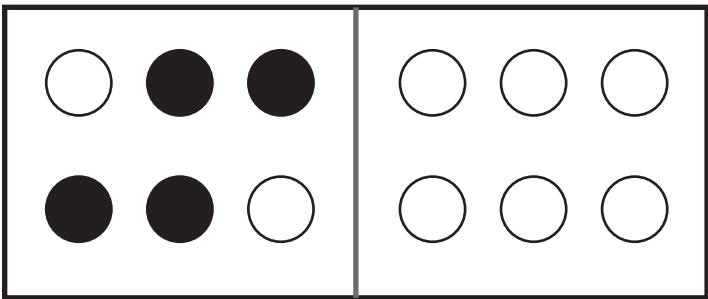
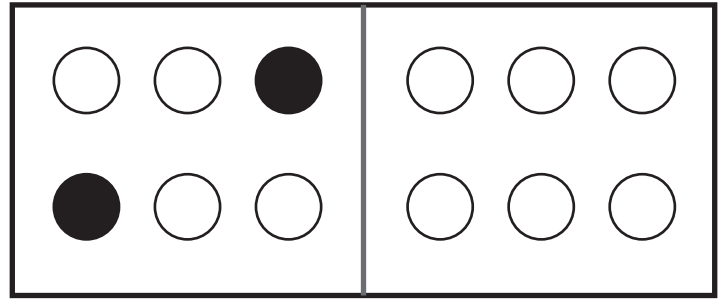
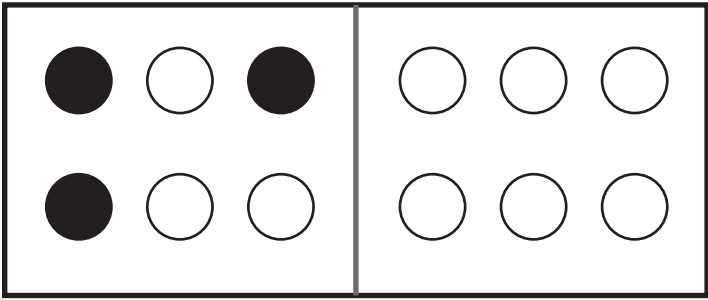
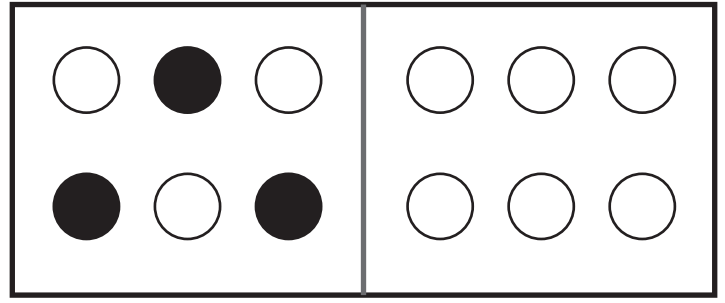
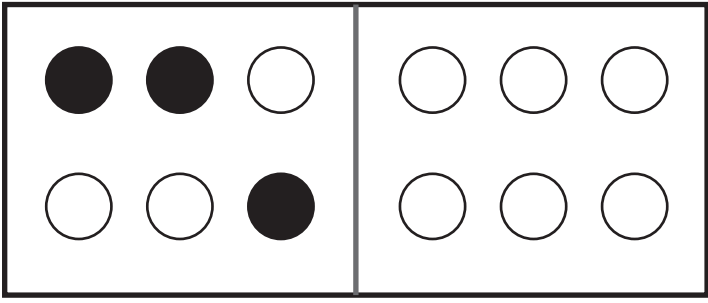
★ Starting at 1, what number can you write up to?

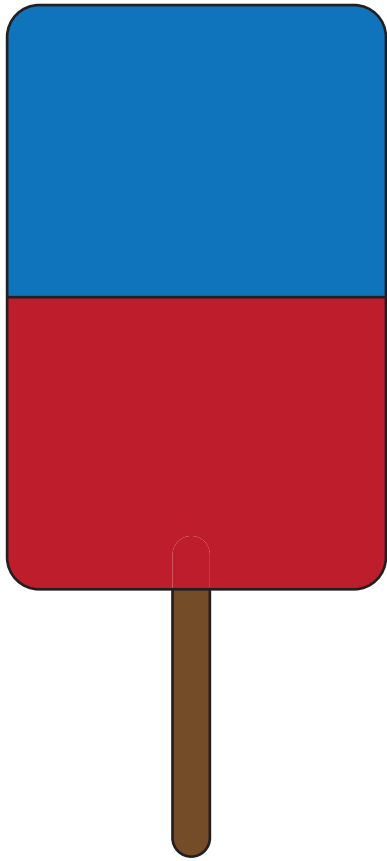
★ How tall a tower of cubes can you build?

★ How many times can you jump up and down?

★ Guess what you think the answer might be first then count.







★ How many different ways can you colour the ice lolly using just three colours: red, blue and yellow?

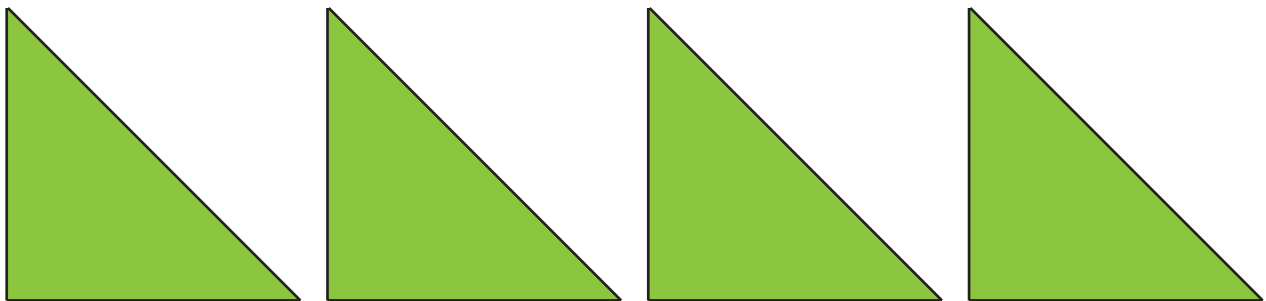
★ Use the blank ice lolly activity sheet to record your answers.



Year 1

Please photocopy additional lolly sheet for this task.

★ I have 4 triangles, all the same.
How many ways can I join them to make other shapes?

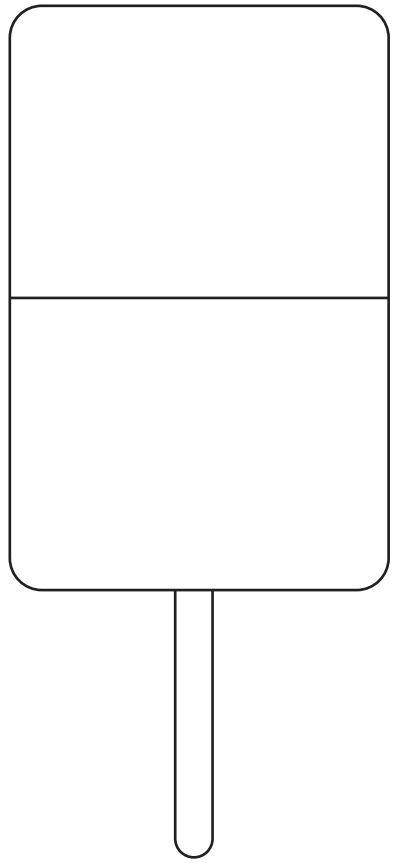
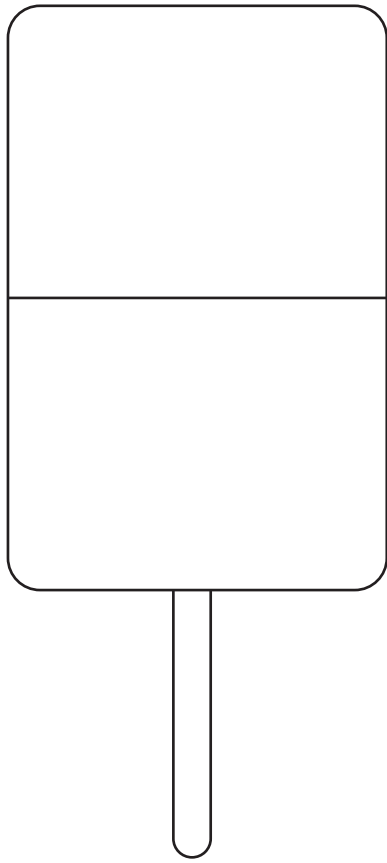
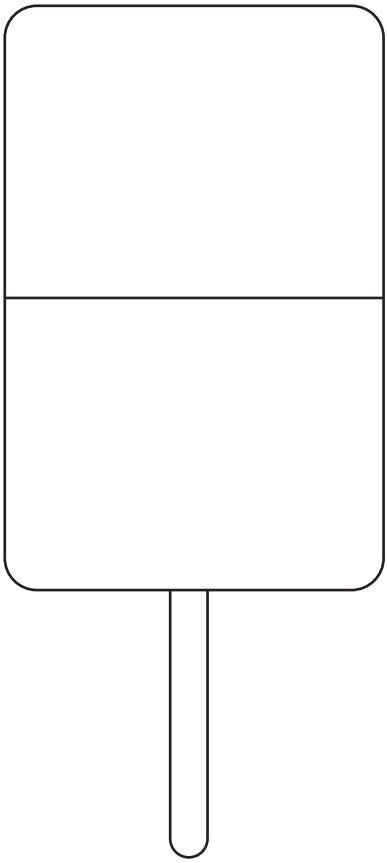
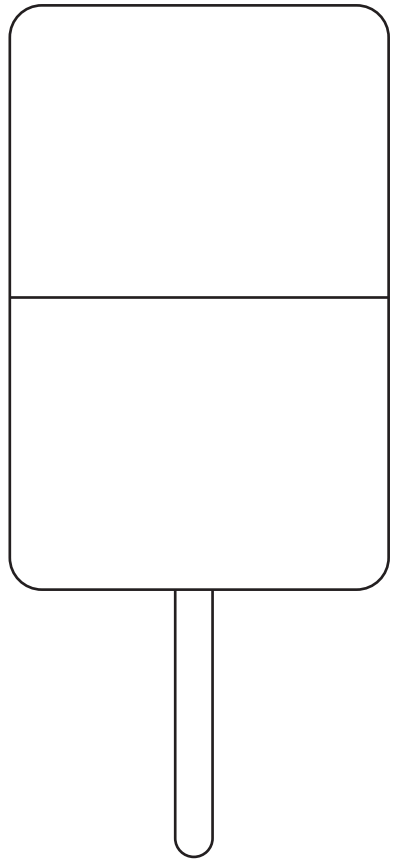
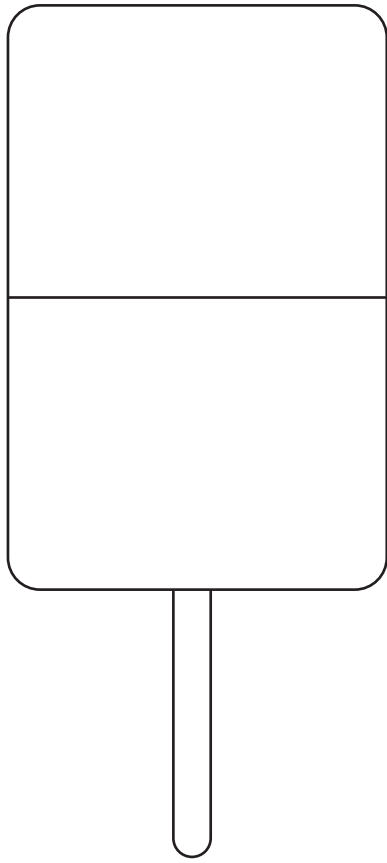
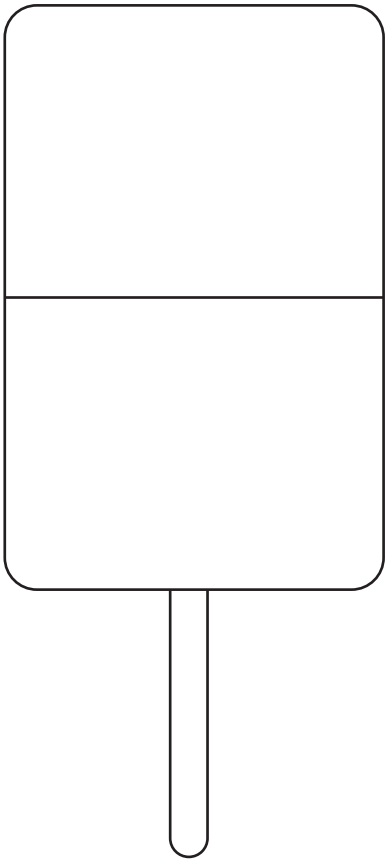


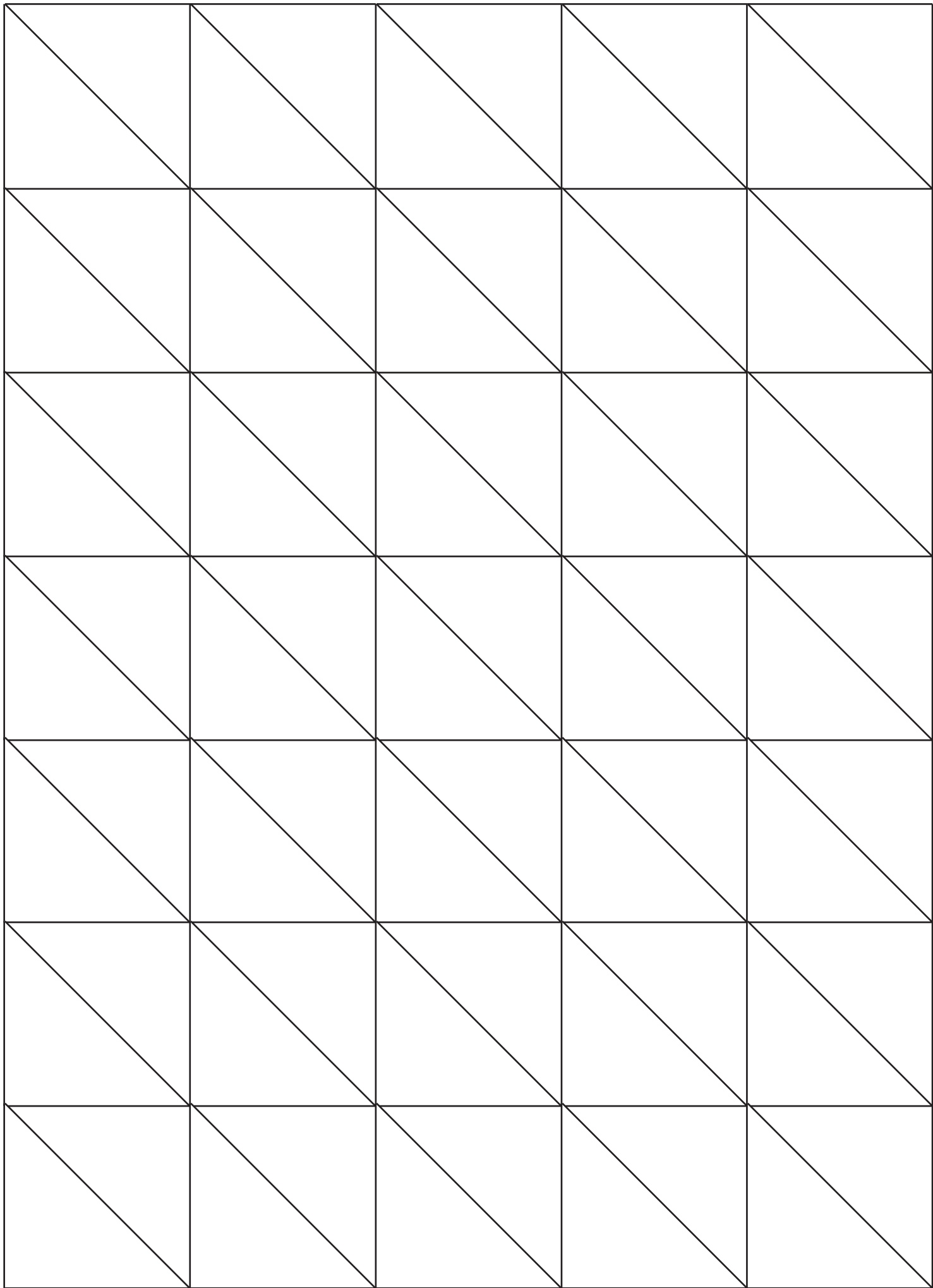
★ Use the triangle activity sheet to show the different ways you would join the 4 triangles.



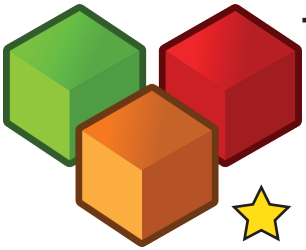
Year 1

Please photocopy additional triangle sheet for this task.





- ★ How many cubes can you pick up with one hand?
- ★ Try to pick up as many as you can, but only using 1 hand. Count and record how many you pick up.
- ★ Now let your friends have a go. Do you think people with bigger hands will pick up more?
- ★ Record your answers.



Year 1

Please photocopy additional recording sheet for this task.



Year 1

Name	Number of cubes