

# Maths Challenge Cards

Are you a maths whizz ?



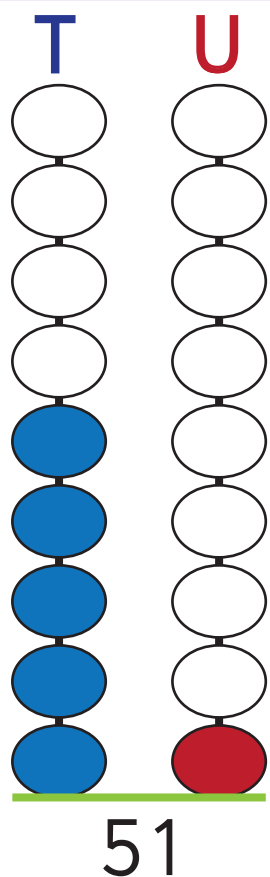
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# Maths Challenge Cards

Are you a maths whizz ?



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★ 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!

Year 1



Please photocopy additional abacus sheet for this task.

2

3

4

5

6

★ Pick 3 of the numbers above.

Write them down and add them.

★ Now pick a different set of 3 numbers.

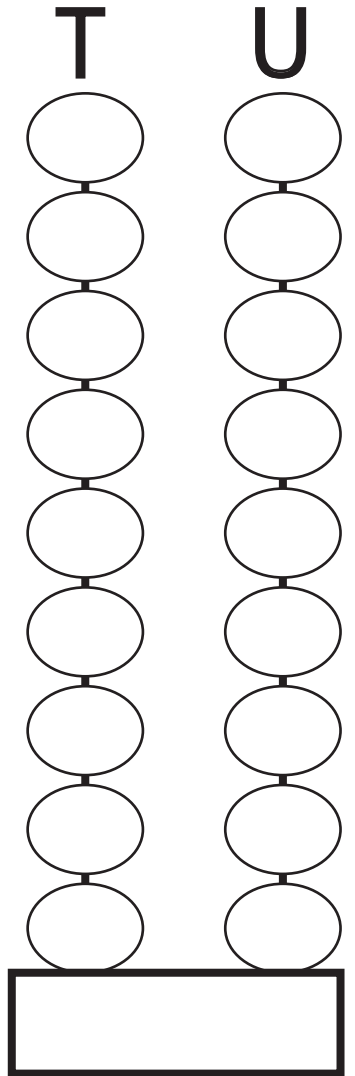
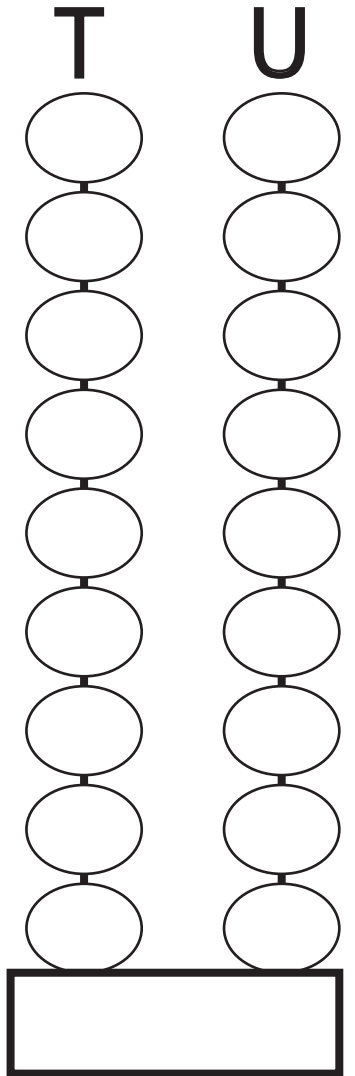
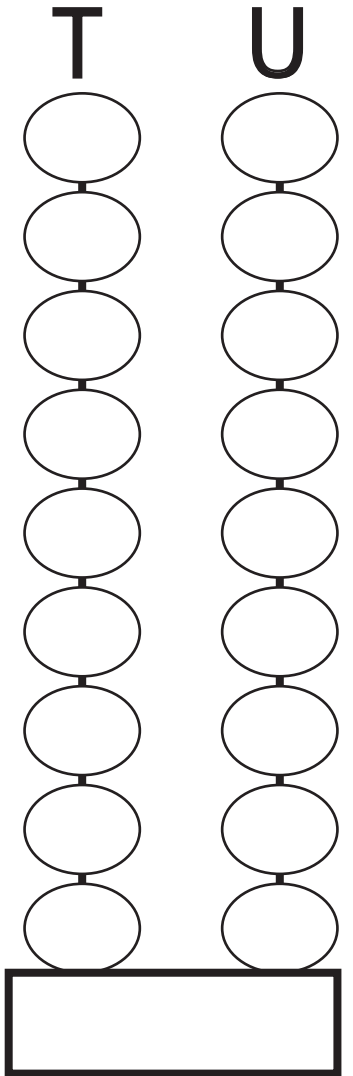
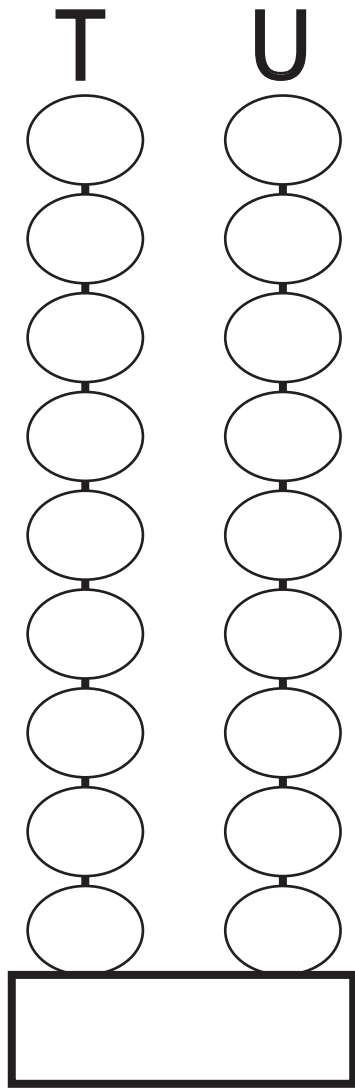
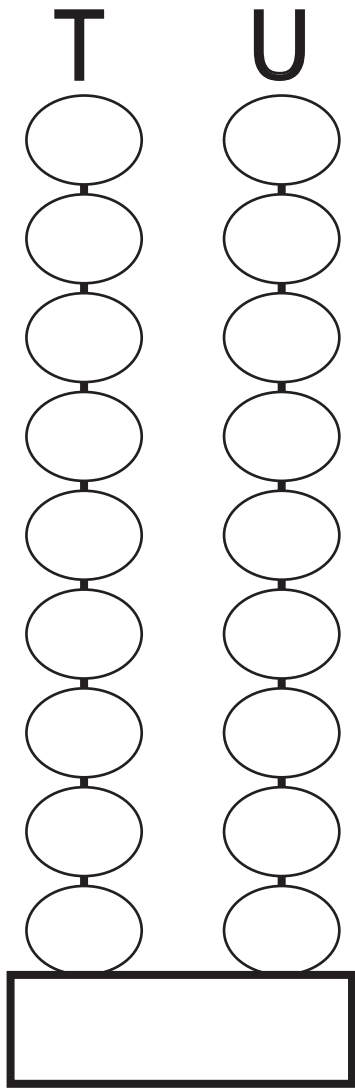
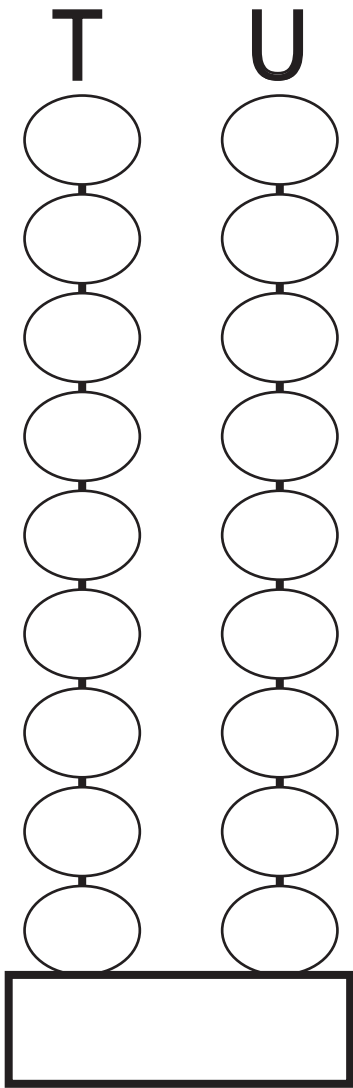
Write them down and add them.

★ How many different additions and answers can you find?

Year 1



Please photocopy additional addition sheets for this task.



Adding 3 numbers challenge.

2

3

4

5

6

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

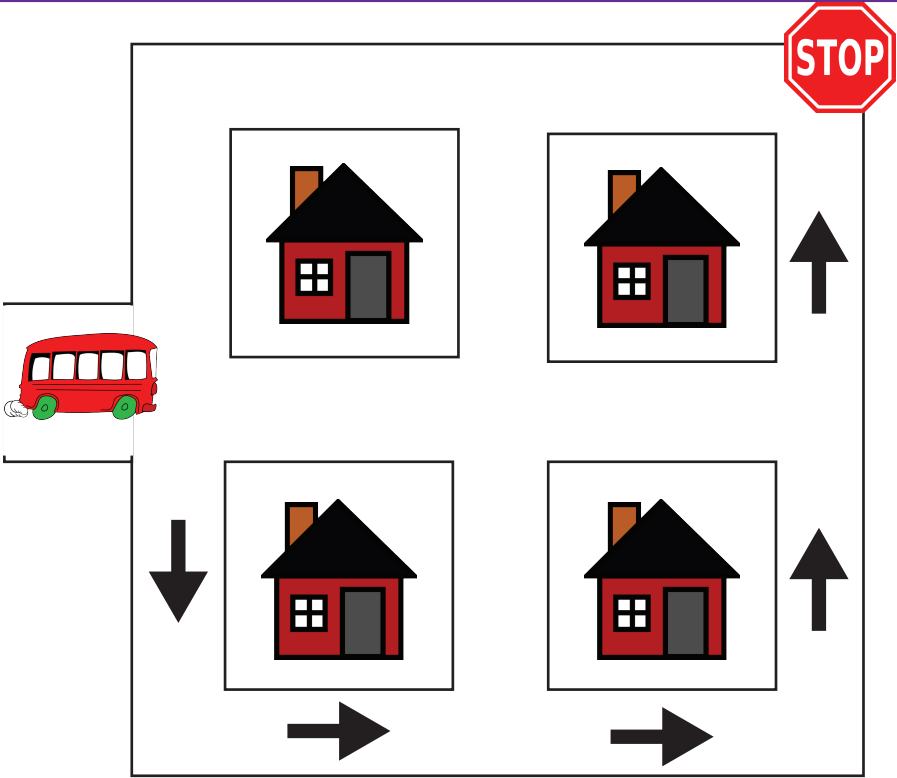
$$\square + \square + \square = \square$$

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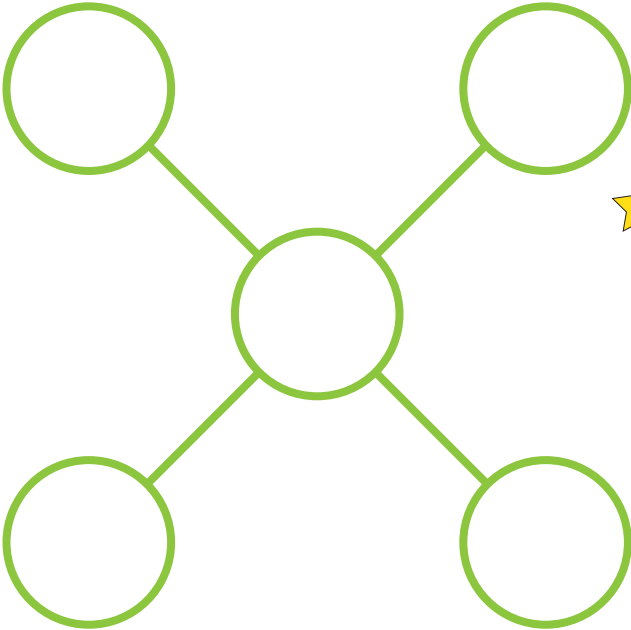
★ The bus went to the stop. He did it by turning: right, left, straight on, left, straight on. Use the blank map to find 5 other bus routes to take.

Year 1




Please photocopy additional bus route sheet for this task.

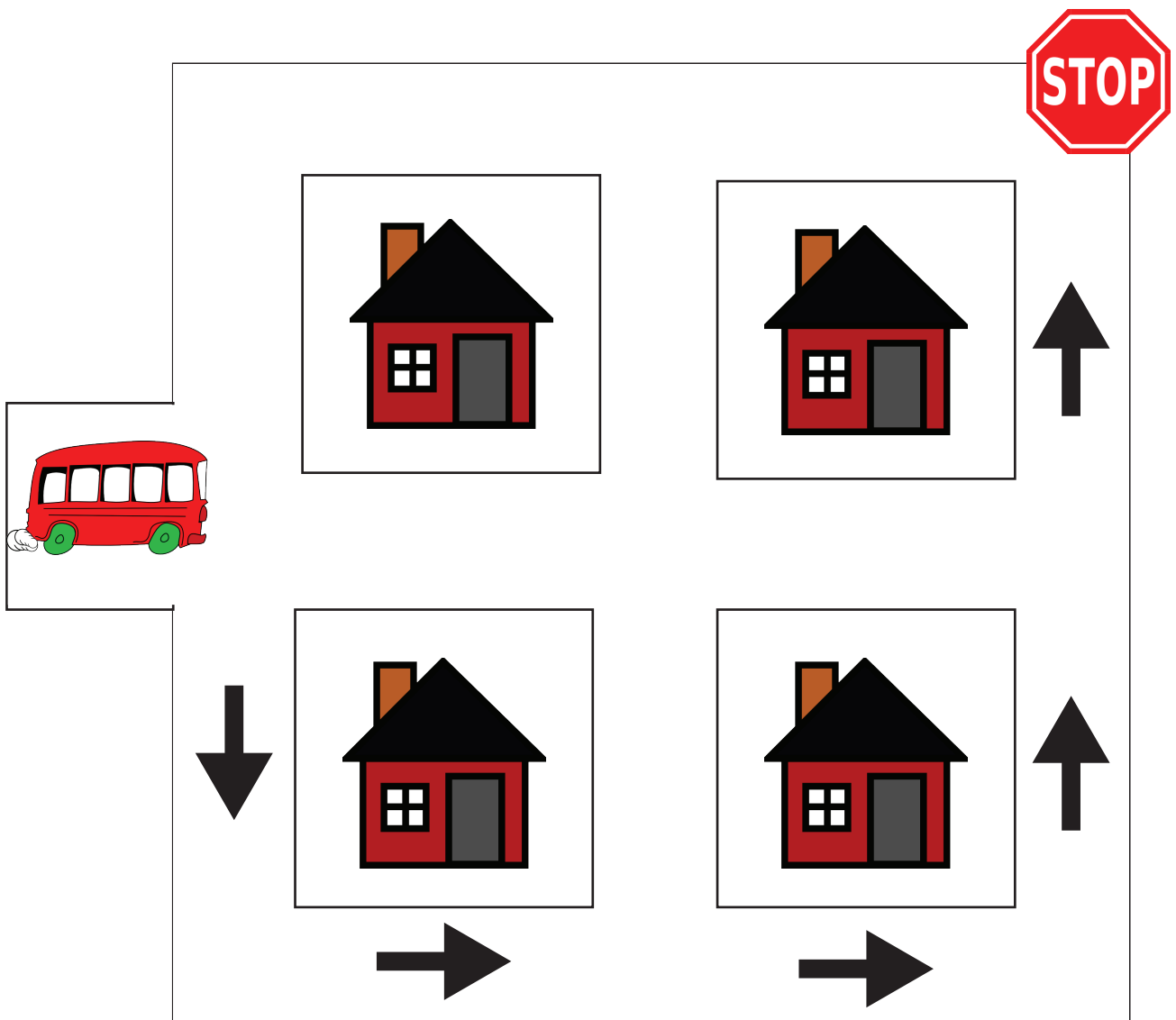
★ Can you put the numbers 1, 2, 3, 4 and 5 in the circles so that both lines of 3 add up to the same total?



★ How many ways can you find to do it?

Year 1





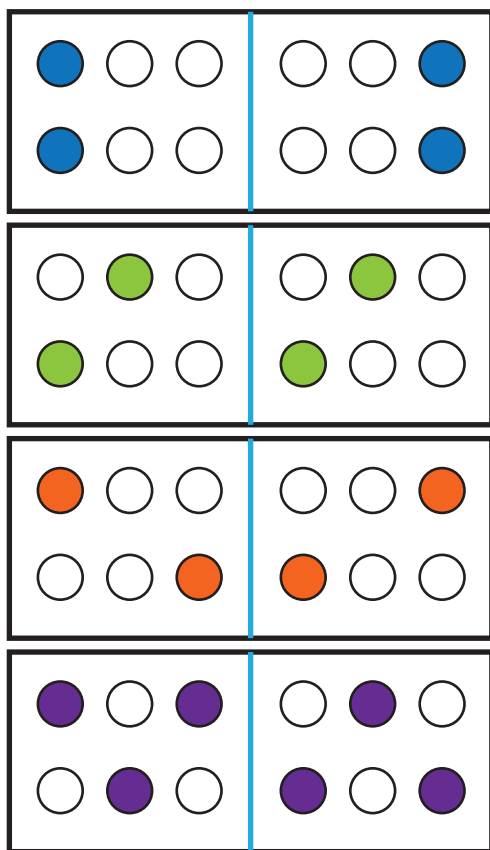
1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_



★ Can you spot the dominoes that are not symmetrical?

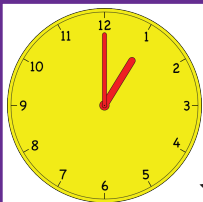
★ Can you colour in the correct spots on the dominoes activity sheet to make the dominoes symmetrical?

(a mirror placed on the blue line might help)

Year 1



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?

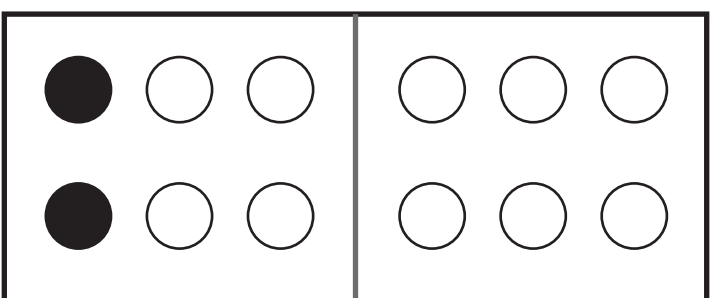
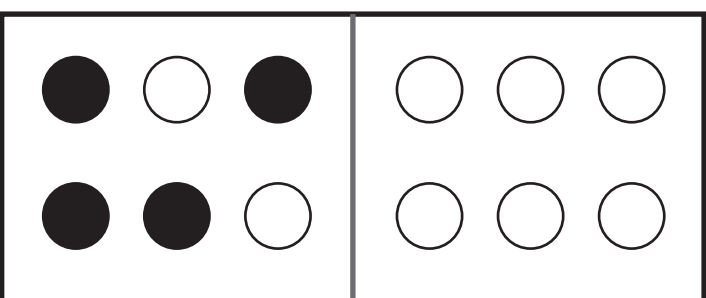
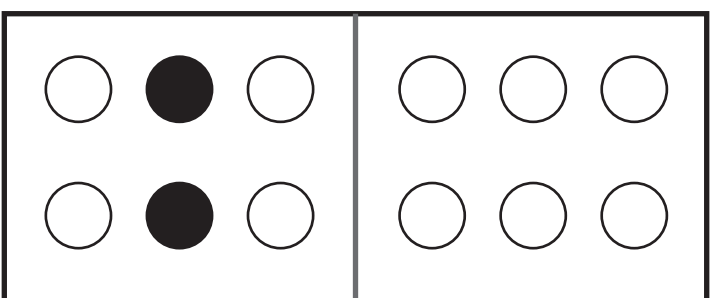
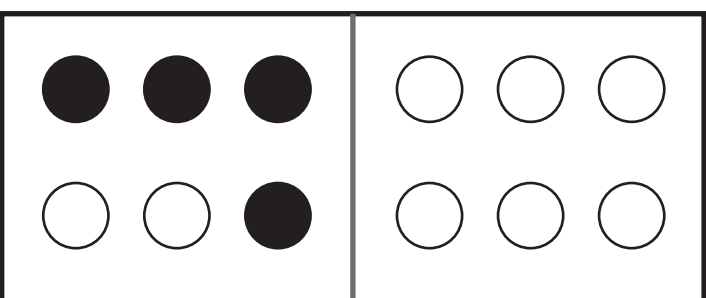
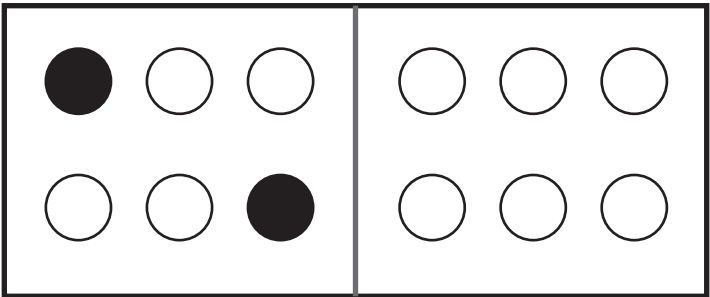
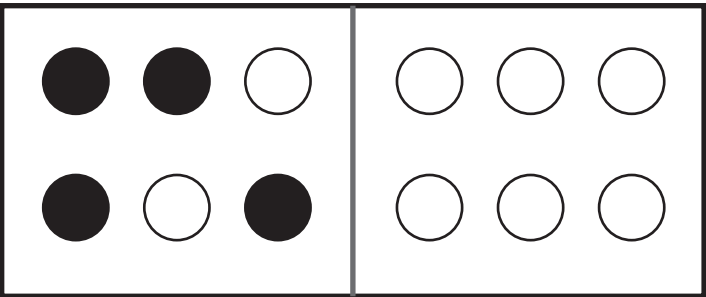
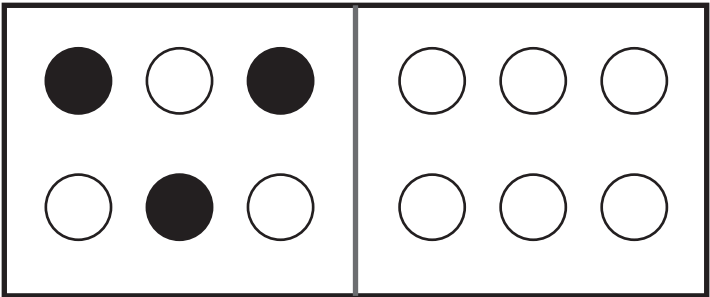
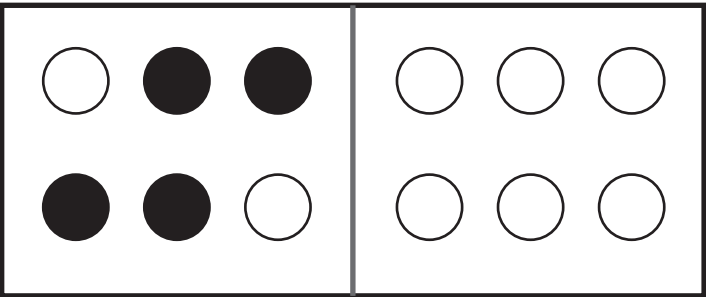
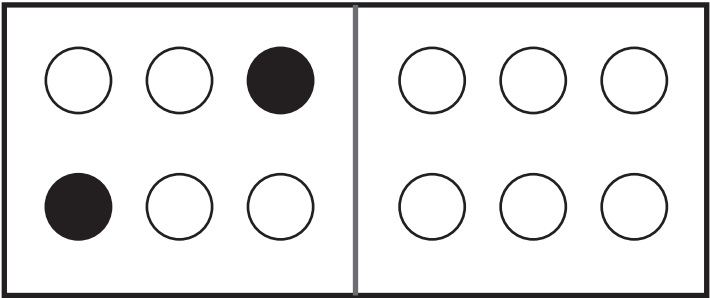
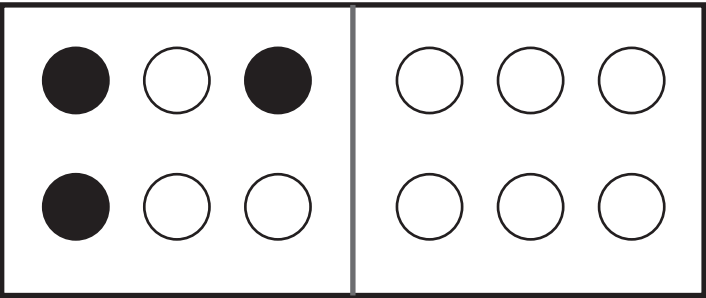
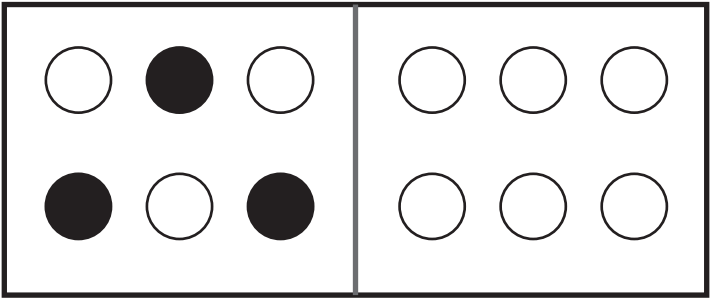
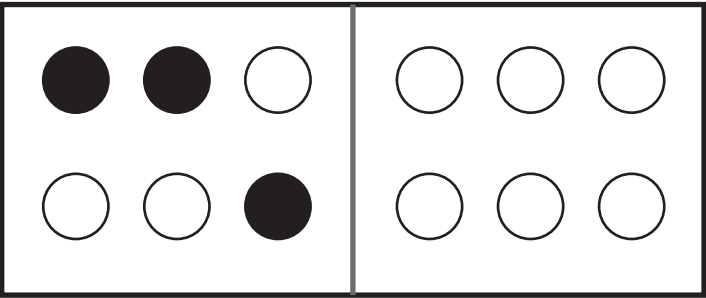
★ How tall a tower of cubes can you build?

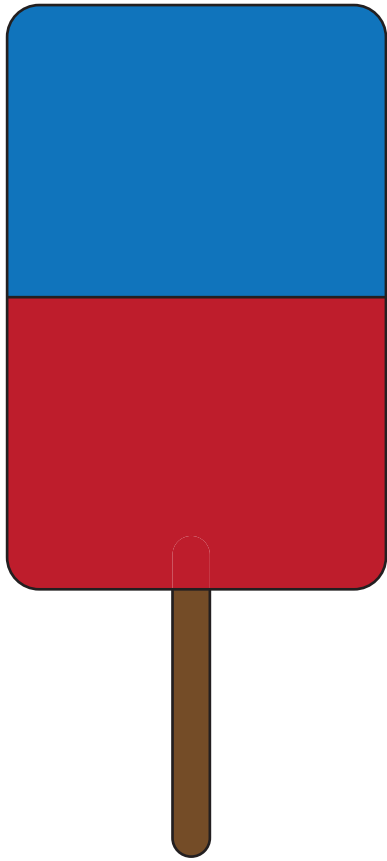
★ How many times can you jump up and down?

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

Year 1







★ 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?

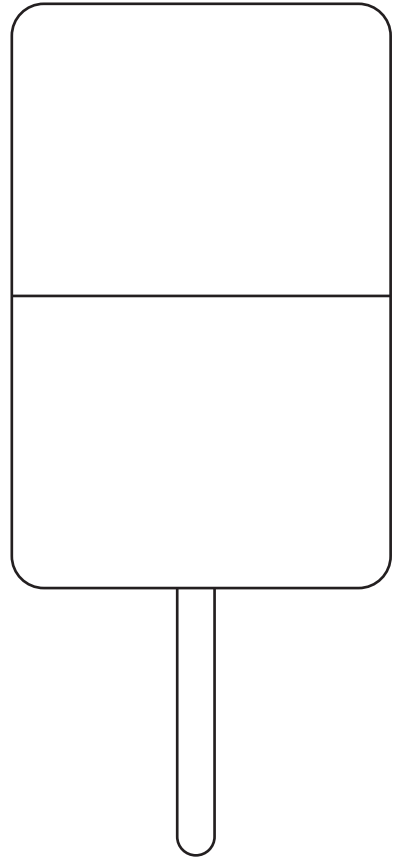
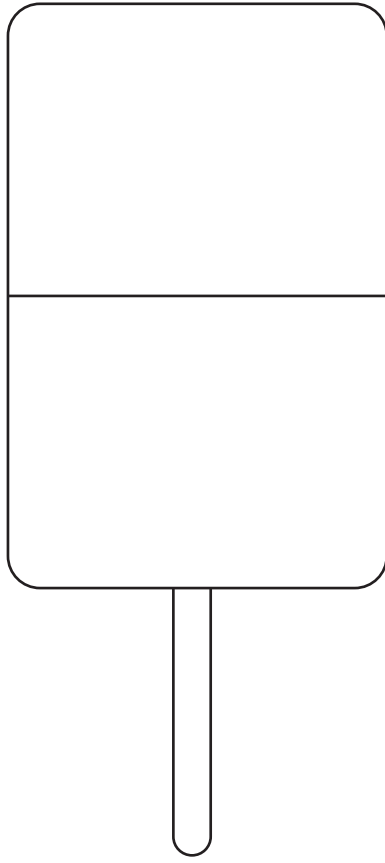
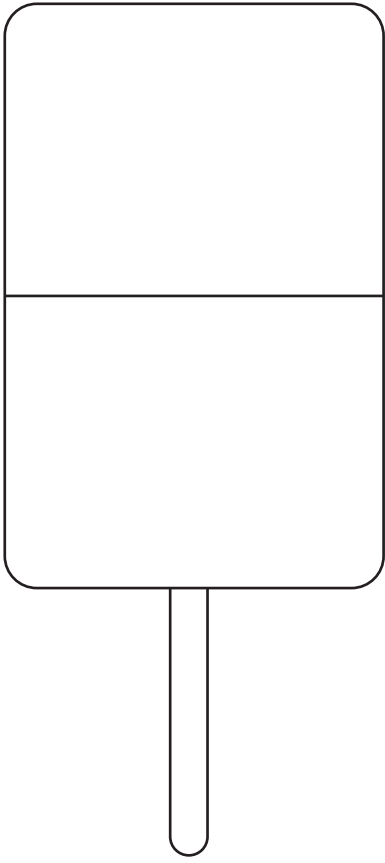
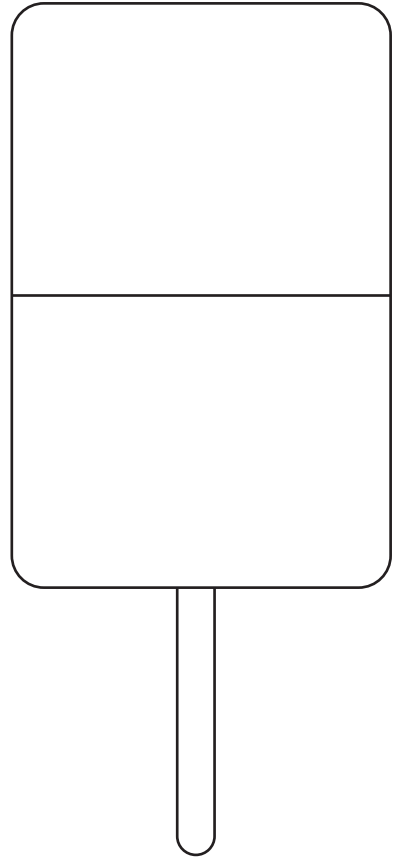
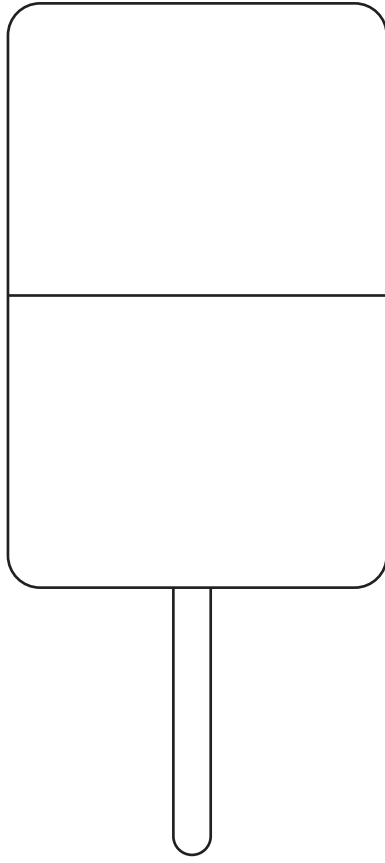
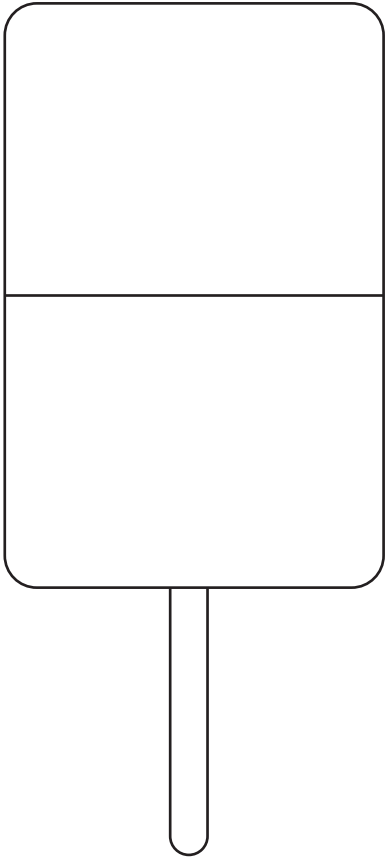


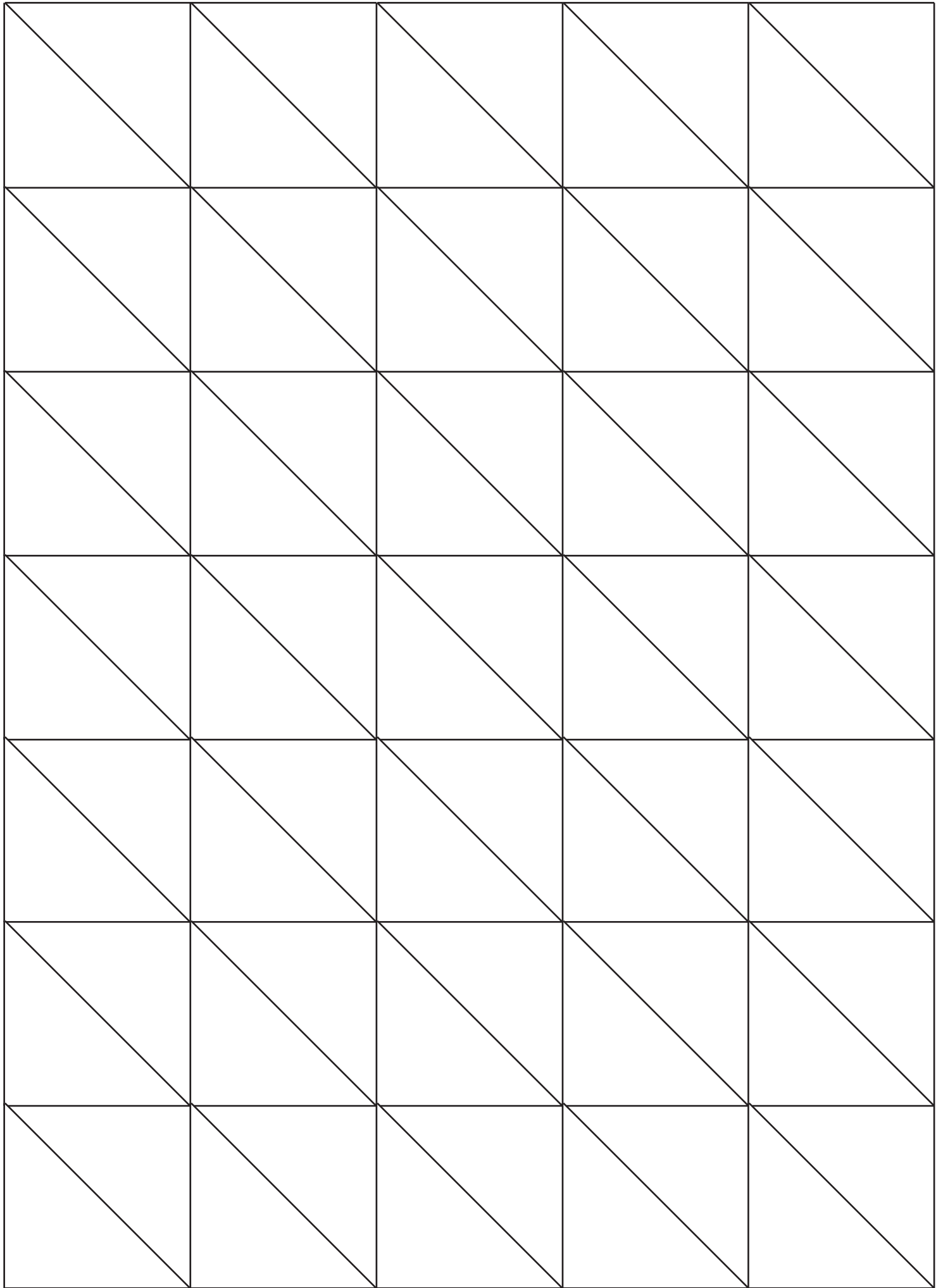
★ Use the triangle activity sheet to show the different ways you would join the 4 triangles.



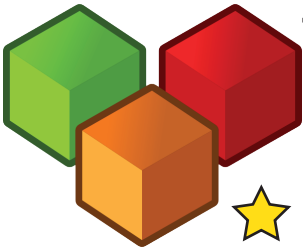
Year 1

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.



Please photocopy additional recording sheet for this task.



[illegible]