

Maths Challenge Cards



Are you a maths whizz ?

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★ How many ways can you make 4 using these cards?

1	2	3
4	5	6
+	-	
=		

★ You can use the cards as many times as you like.



Maths Challenge Cards



Are you a maths whizz ?



★ A teddy bear costs 8p
What coins could you use
to pay for it?

★ List the different ways
you could pay for the
teddy bear.



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- ★ Guess how many footprints there are on the page.
- ★ Have a go at counting them. Was your guess a good one?



Maths Challenge Cards

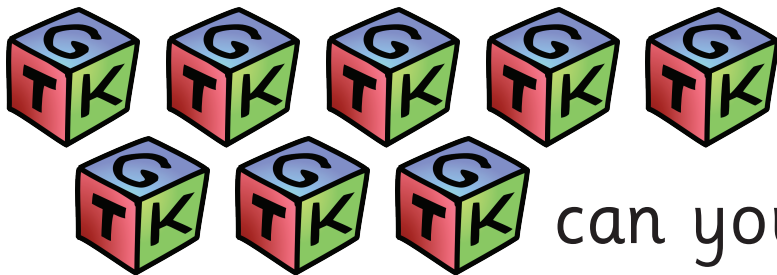


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★ You have 3 boxes and 8 cubes.



★ How many ways can you put the cubes in the boxes?

★ I have done 1 way for you.

6 1 1



Maths Challenge Cards



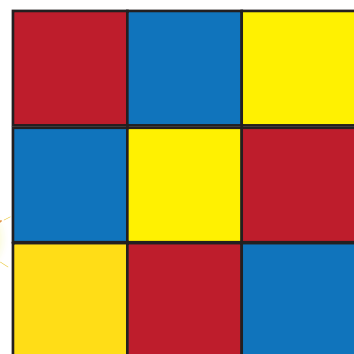
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★ I've got 9 tiles. 3 red, 3 blue & 3 yellow. I put them together to make a square, but I'm not allowed to put 2 tiles the same colour next to each other.

★ How many ways can you find to do it? Use squared paper to record your results.



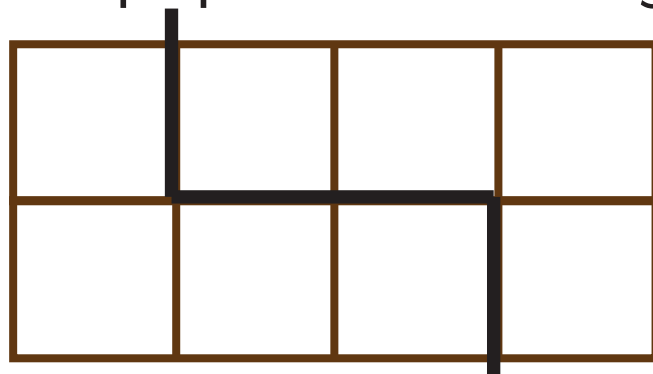
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Are you a maths whizz ?

- ★ This bar of chocolate has 8 pieces. Imagine sharing it equally between me and you.
- ★ How many ways can you cut it in half? Use squared paper to record your results.

Here is one way to cut it in half.

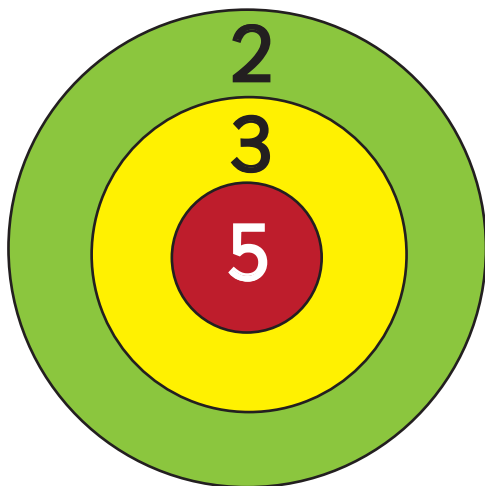


Maths Challenge Cards



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★ Here is a dart board.
You have 3 darts to throw.
What is the lowest and
highest total you could get
with all 3 darts.

★ How many different totals could you
score with 3 darts?
Record your answers.



Maths Challenge Cards

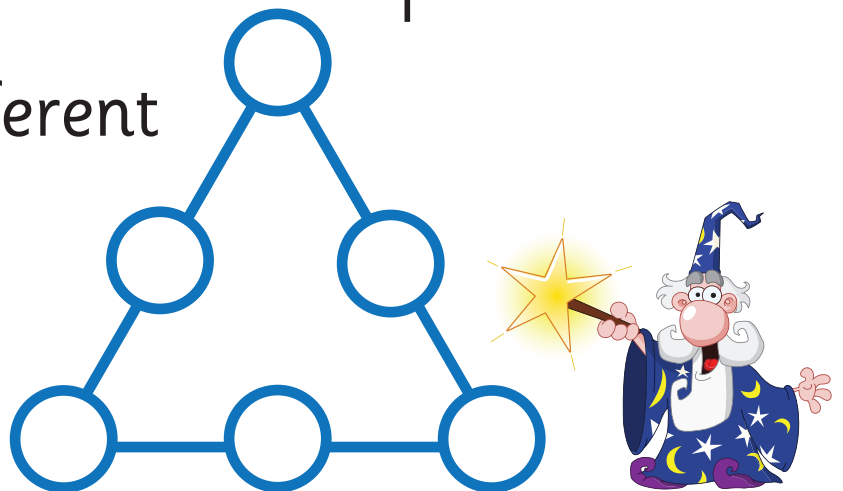


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★ Can you put the numbers 2, 3 or 4 in the circles so that each side of the triangle adds up to 9?

★ You can use each number up to 3 times.

★ How many different ways can you find to do it?



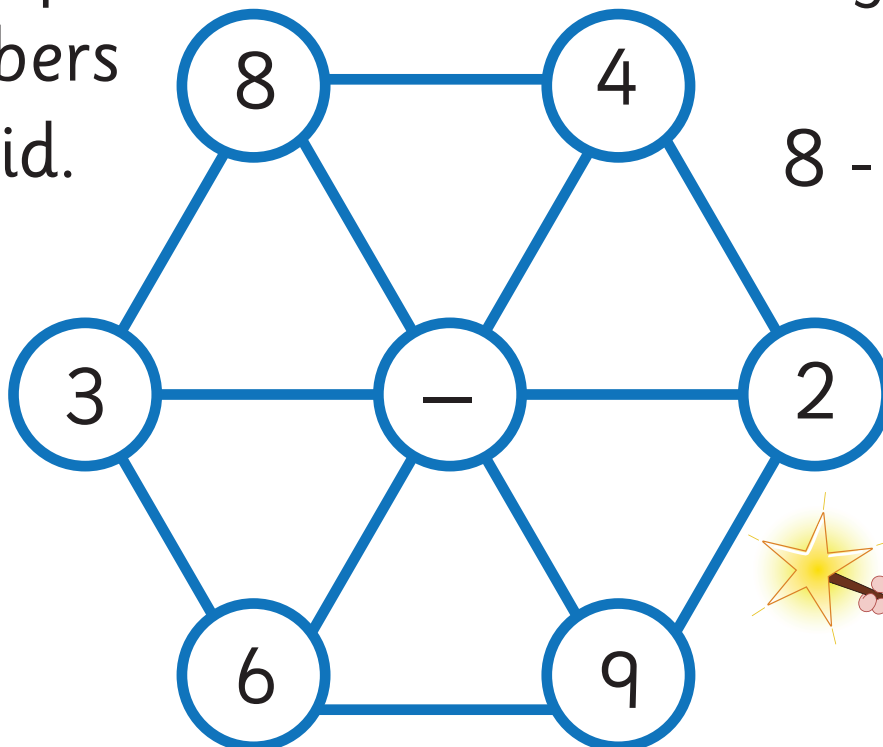
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★ Make up subtraction sentences by using the numbers in the grid.



$$8 - 4 = 4$$

Remember to always start with the larger number.



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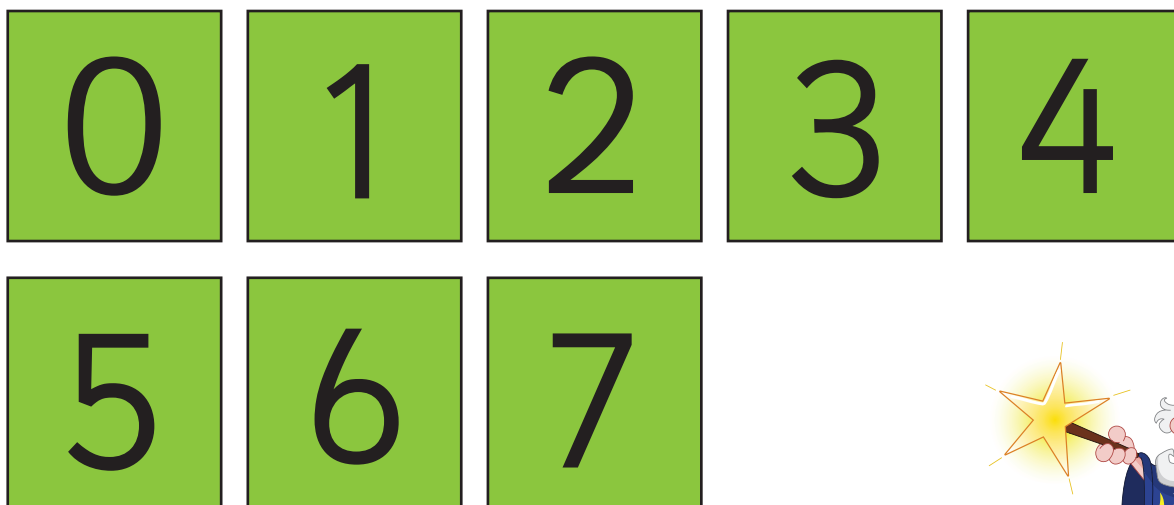


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★ How many different ways can you add 2 of the digit cards below to make 7?



Year 1

★ I made 7 like this: 1 and 6