Maths Challenge Cards
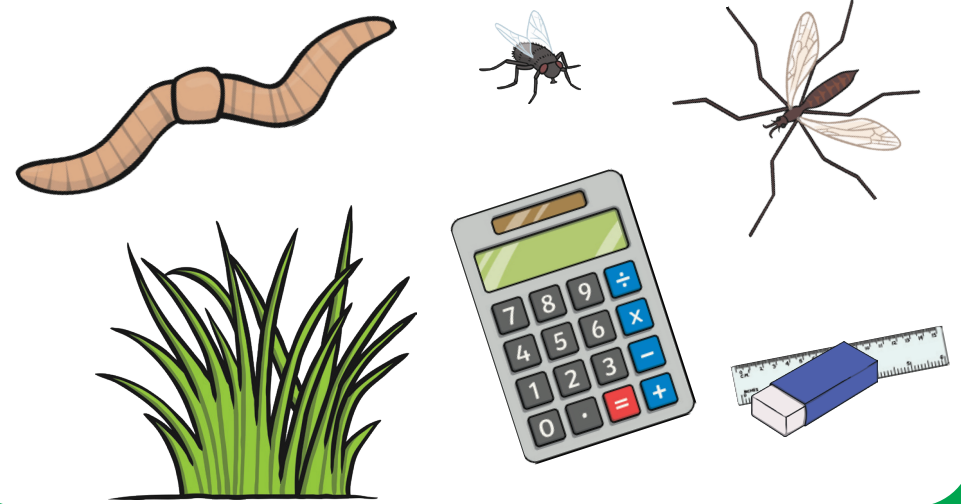
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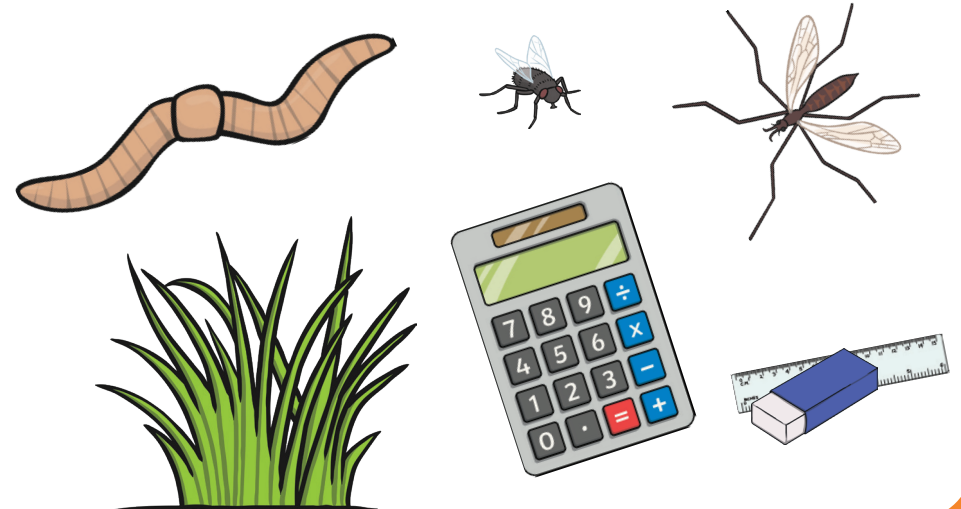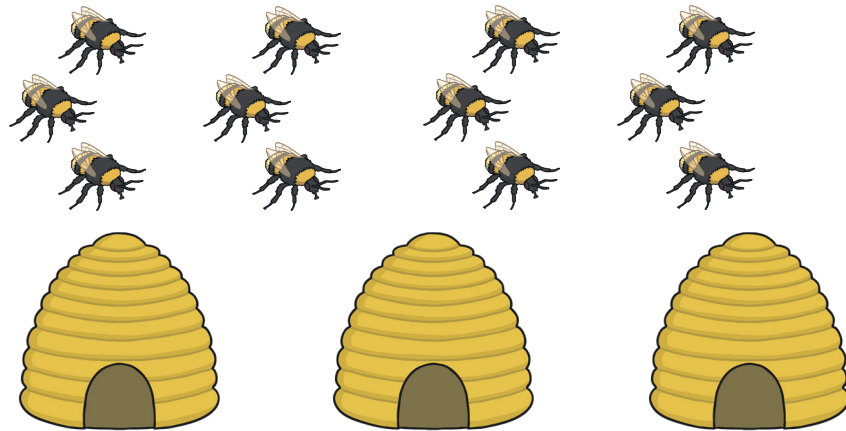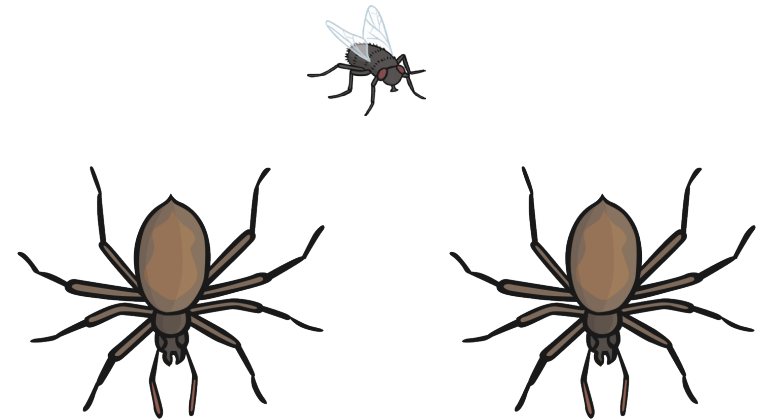
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Put 12 bees in the beehives. Each bee hive must have at least 1 more bee in than the previous one.

Spiders have 8 legs and flies have 6 legs. There are 2 spiders and 1 fly. How many legs are there in total?

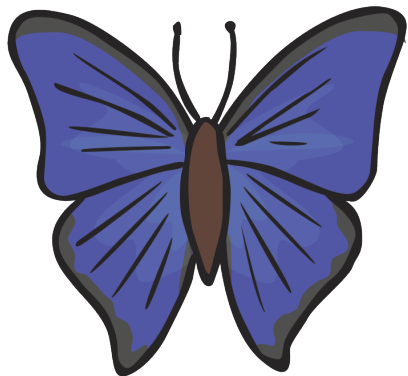How many different ways can you make the number 6?

eg. 2 + 2 + 2 = 6

8 - 2 = 6

The answer is 10

What is the question?

How many different questions can you think of?
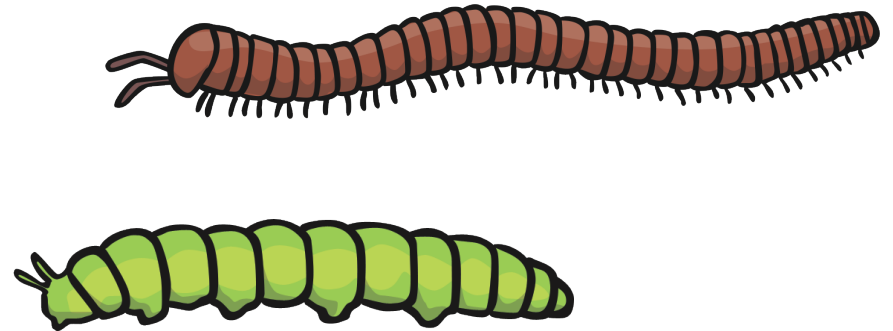
The first ladybird has 8 spots, the second ladybird has 7 spots and the last ladybird has 9 spots. How many spots are there altogether?
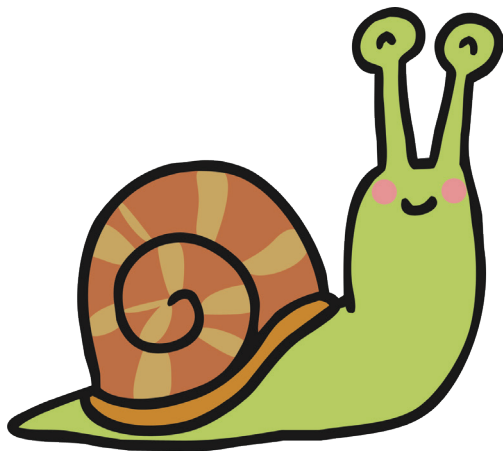
The millipede is 6cm longer than the caterpillar. The caterpillar is 9cm long. How long is the millipede?

Find two numbers next to each other that add up to 21.

Barry, Brogan and Betty the butterflies are in a line. The colours of the butterflies are red, blue and purple.

?   ?

Barry is in the middle and is red. Brogan is on the right and is not purple. Where is Betty and what colour is she?

The answer is 15.

What is the question?

How many different questions can you think of?

$13 = \square + \square$

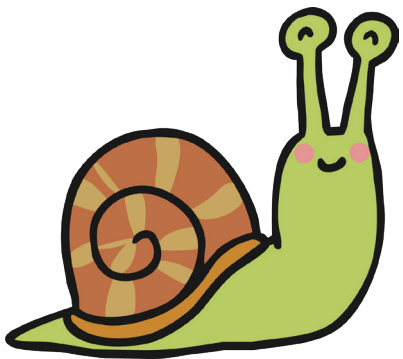How many different ways can you find to do this?

How many different ways can you make the number 11?

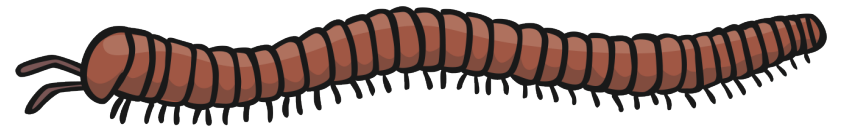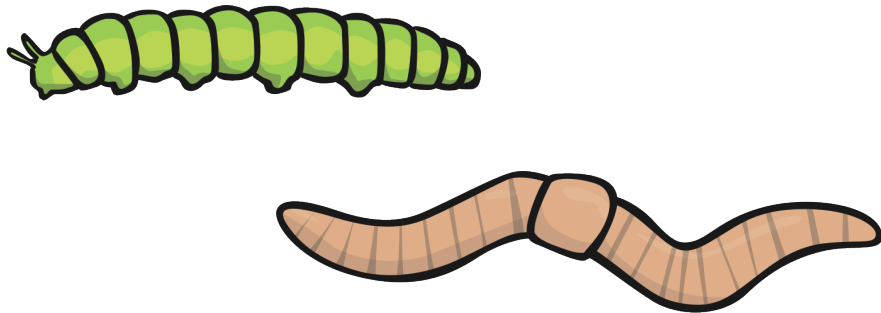**eg. 2 + 4 + 5 = 11**

14 - 3 = 11

How long is the line? Use your ruler the measure it.
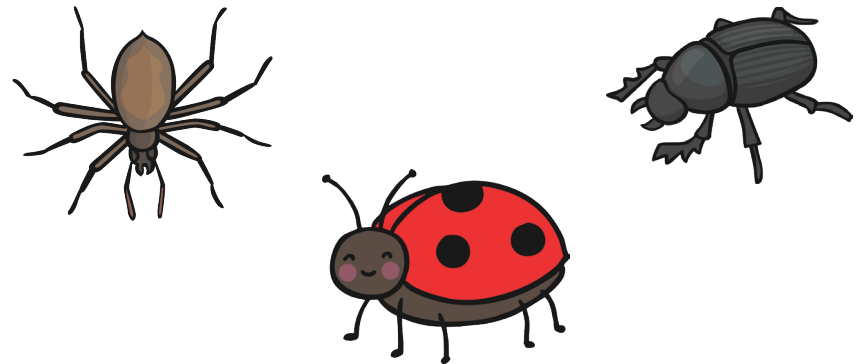
Kate rubs out 3cm of the line. How long is the line now?

The caterpillar is 4 years older than the worm. The worm is 2 years old.

How old is the caterpillar?

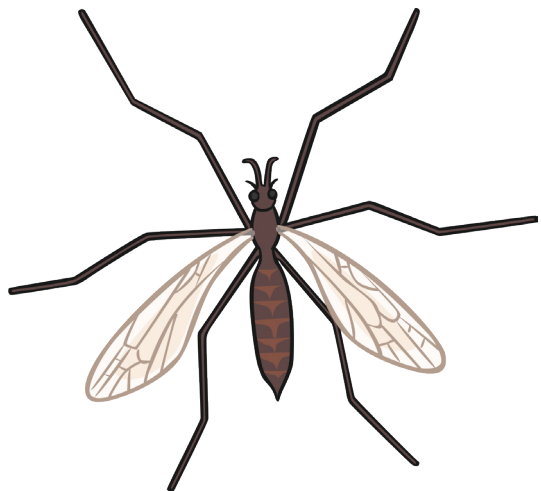There are a total of 20 legs below. The spider has 8 legs, the beetle has 6 legs. How many legs does the lady bird have?

Find two numbers next to each other that add up to 19.

Add together the numbers

1,2,3,4,5,6,7,8,9,10

What is the total?
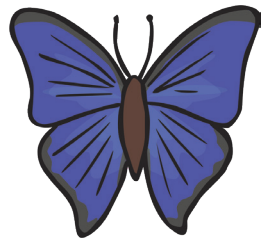
Can you find a quick way to do this?

Choose 2 odd numbers and add them together. What do you notice?

Try this with different odd numbers.

1 3 5 7 9 11 13

What happens?
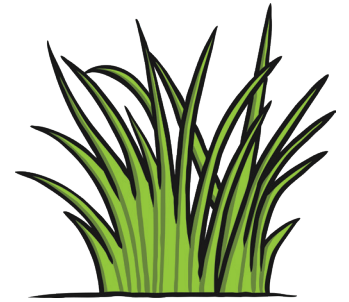
Why does this happen?

Choose 2 even numbers and add them together. What do you notice?

Try this with different even numbers?

2 4 6 8 10 12 14

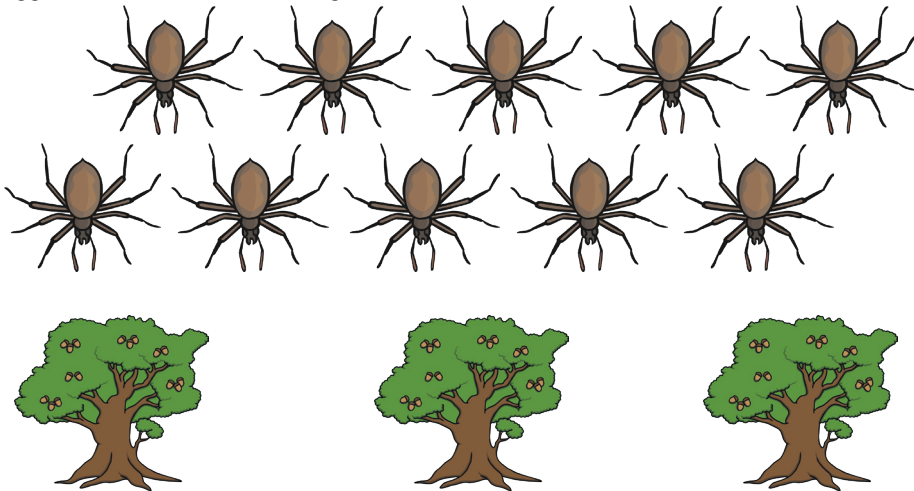Does this always happen?

Why does this happen?

Put 10 spiders in the trees. Each tree should have a different number of spiders in them.

What happens when you add an odd number and an even number together?

16
9
15
10
4
3
5 1 7
11
12

Does this always happen?

Why does this happen?