

The Cautious Caterpillar Reasoning Cards

twinkl

The Cautious Caterpillar Reasoning Cards



These flowers make a number sequence which goes up in ones.



Is the sequence correct?

How do you know?

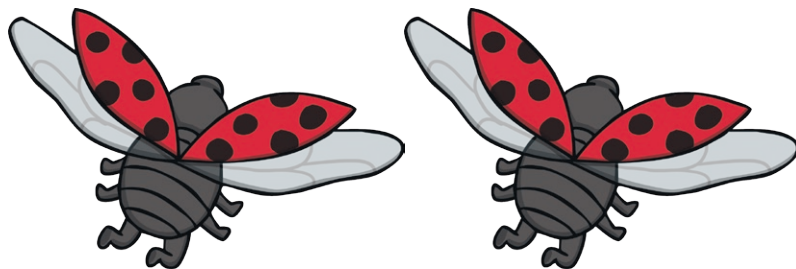
1

twinkl.com

The Cautious Caterpillar Reasoning Cards



There are 10 spots on one ladybird so there must be 20 spots on two ladybirds.



Is this correct? How do you know?

2

twinkl.com

The Cautious Caterpillar Reasoning Cards



There are 4 snails under one log and 3 snails under a stone.
There are less than 10 snails altogether.



Is this correct? How do you know?

3

twinkl.com

Cody starts to munch on leaves at 10 o'clock.

She eats for 2 hours.

She finishes eating at 12 o'clock.



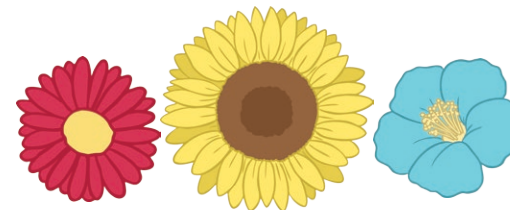
Is this correct? How do you know?

4

3 flowers grow in the garden.

The tallest flower is 25cm tall.

The shortest flower is 20cm tall.



How tall could the 3rd flower be?

How do you know?

5

Cody the Butterfly visits 10 flowers to collect nectar.

Half of the flowers are yellow. The rest are blue.



How many blue flowers does she visit?

How do you know?

6

It takes the grasshopper half an hour to hop from the flower bed to the tree.

He leaves the flower bed at half past 1.

He arrives at the tree at half past 2.

Is this correct?
How do you know?



7

Cody thinks of a number.
She says if you add 9 to it, the answer is 16.



What is Cody's number?
How do you know?

8

The ladybird buys 3 new pairs of shoes.
Each shoe costs 10p.



Is the total cost of her shoes less than 50p?
How do you know?

9

24 socks are shared equally between 3 spiders.

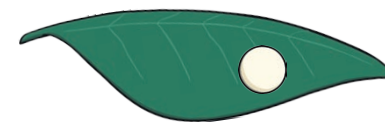
Which calculation shows this?

- a. $3 \div 8 = 24$
- b. $24 \div 3 = 8$
- c. $8 \div 3 = 24$



10

A butterfly lays some eggs on a leaf.
The number of eggs laid is less than 30 but more than 25.
There is an even number of eggs.



How many eggs could be on the leaf?
How do you know?

11



The bumblebee finds these numbers on some flowers.



He says that he can make 6 two-digit numbers, just using these 3 numbers.

Is he correct?

4

The Cautious Caterpillar Reasoning Cards **Answers**

1. No, the sequence is incorrect. The numbers 15, 17 and 19 are missing.
2. Yes, there are 20 spots on 2 ladybirds.
3. Yes, there are less than 10 snails. There are 7 snails.
4. Yes, it is correct.
5. The third flower could be 21cm, 22cm, 23cm or 24cm tall.
6. Cody visits 5 blue flowers.
7. No, the grasshopper gets there at 2 o'clock.
8. Cody's number is 7 ($16 - 9 = 7$).
9. No, the ladybird spent 60p.
10. b) $24 \div 3 = 8$
11. There could be 26 or 28 eggs on the leaf.
12. Yes, the bumblebee can make 36, 37, 63, 67, 73, 76