

Challenge of the day

Challenge 1

1 Fill in the missing numbers.

10 less than 46 is

more than 30 is 35

2

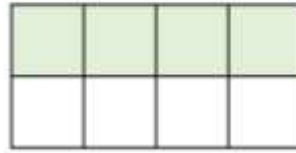


This is half of my sweets



How many sweets does Teddy have?

3 Lucy shades in part of a rectangle.



She shades some more squares.

$\frac{3}{4}$ of the rectangle is now shaded.

How many more squares did Lucy shade?

1 Fill in the missing numbers.

100 less than 20,000 is

more than 20,000 is 20,600

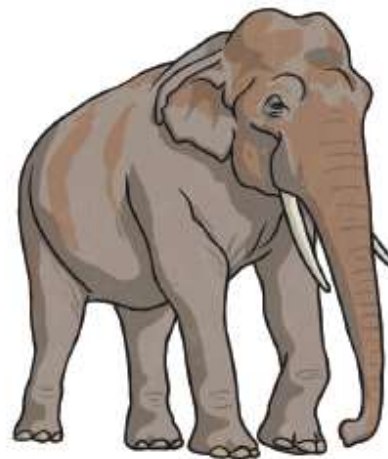


Challenge 2

Maths Mastery Addition and Subtraction Challenge Cards

Using these numbers in any order: 2,3,4
What is the largest answer you can get by adding them together?

Example: $24 + 3 = 27$



Challenge 3

- 1 Which of these numbers is closest to 10?



Which of these numbers is closest to 50?



- 2 What are the missing numbers?

$$64 = 10 + \square$$

$$39 = 100 - \square$$

- 1 Which of these numbers round to 2,000 to the nearest 100?

1,950 2,312 2,099 2,045

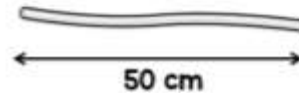
- 2 What are the missing numbers?

$$6.4 = 1 + \square$$

- 3 Annie has an 80 cm piece of wire.



She cuts the wire into two pieces.
The long piece is 50 cm long.

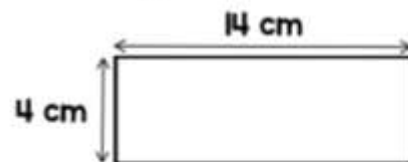


She cuts the smaller piece into 2 more pieces of equal size.

How long is one of these pieces?



- 3 Annie has a 1 metre piece of wire.
She cuts the wire into two pieces.
She uses the smaller piece to make this rectangle.



She uses the other piece of wire to make a square.

What is the length of one side of the square?



Challenge 4

Maths Mastery Addition and Subtraction Challenge Cards

Choose four negative consecutive numbers between -1 and -10 . Place a $-$ and/or a $+$ sign between each one, and add them together.

What do you notice about the answers?

Example: $-7 + -6 + -5 + -4 =$

Try different negative consecutive numbers.

Can you predict the answers?

Challenge 5

Maths Mastery Addition and Subtraction Challenge Cards

How old is Grandad?

Sally asked her Grandad how old he was.

This was his answer:

"I have 6 children, and there are 4 years between each child. I had my first child when I was 21. Now the youngest one is 21 himself. Can you work out my age?"

How old is Sally's Grandad?

