

Year 2 Reasoning Examples

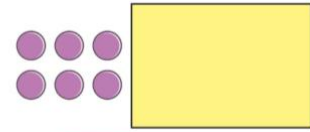
Tiny is working out the missing number.

$60 - \square = 10$

The missing number is 5, because
 $6 - 5 = 1$

Do you agree with Tiny?
Explain your answer.

Tiny has hidden part of an array.



There are fewer than 16 counters in total.

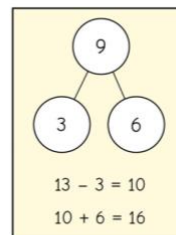


What could the array be?
Talk about it with a partner.

Is this always true, sometimes true or never true?
How do you know?

When we multiply a number by two the answer is odd.

Here are Jo's workings for $13 - 9$



The answer is 16

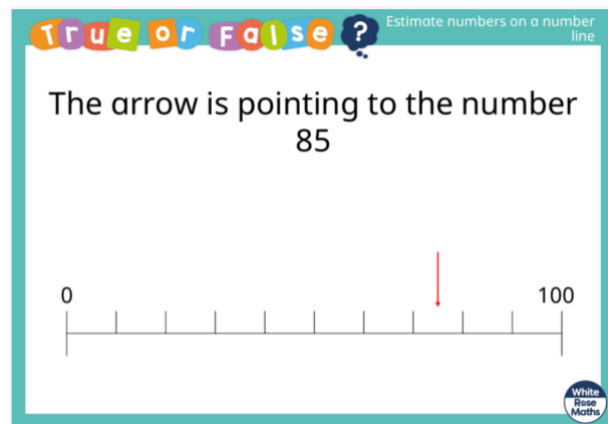
How do you know Jo has made a mistake?
Explain the mistake.
What is $13 - 9$?

Rosie is holding a 3-D shape.
She is counting the number of 2-D faces she can see.



I can see 4 rectangles and 2 squares.

What shape is Rosie holding?



The answer to a multiplication question is 18
What could the multiplication be?

$$\square \times \square$$

How many possible questions can you find?

Which is the odd one out? Why?

