

1. In bowling there are 9 pins. If I get 3 strikes in a row how many pins have I knocked over?
2. Miss Foster is buying crisps for the school disco. They come in packs of 9 and there are 36 children in the class, how many packs does she need to buy?
3. Julie ate 7 strawberries on her picnic. Emily ate 9 times as many, how many did she eat?

4. $45 = \square \times \square$ $27 = \square \times \square$

Which pairs of numbers could be written in the boxes? How many can you come up with?

5. True or False?

$$9 \times 8 = 9 \times 4 \times 2$$

$$9 \times 5 = 9 \times 4 + 9$$

Explain your reasoning.

Can you write 60 as a product of 3 numbers?

6. Will the answer to the following calculations be greater or less than 180?

$$22 \times 9 =$$

$$40 \times 9 =$$

$$19 \times 9 =$$

7. There are 9 dresses left in a shop and they are sold for £8 each, how much would it cost to buy all of the dresses?

The dresses go on sale to half price, how much would it cost to buy them all now?

8. $50 \times 9 = 450$.

Use this fact to work out:

$$51 \times 9 = \qquad 53 \times 9 =$$

$$52 \times 9 = \qquad 500 \times 9 =$$

9. $9 \times 4 = 36$

How does this fact help you to solve these calculations?

$$9 \times 40 =$$

$$9 \times 80 =$$

$$90 \times 4 =$$

10. Sally has 9 times as many football cards as Sam. Together they have 150 cards.
How many more cards does Sally have than Sam?