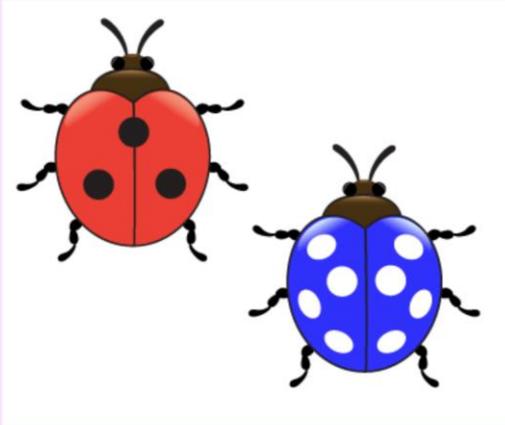


5C8a - Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes

A wall has 12 rows of tiles. In each row there are 12 tiles.
Which answer does NOT give the number of tiles on the wall?

- $2^2 \times 2^2 \times 3^2$ 12^2 $4^2 \times 2^3$ $2^2 \times 6^2$

What number is halfway between 5^2 and 5^3 ?



Red beetles have 3 spots and blue beetles have 8 spots.
There are 30 spots altogether.
Work out how many red beetles there are.



Amy buys bags of snake sweets and bags of chocolate sweets.
She has a total of 30 sweets.
How many bags of sweets did she buy altogether?

This year my age is a cube number.
Next year it will be a square number.
How old am I?

$$4^3 = \square^2$$

What is the missing number?