

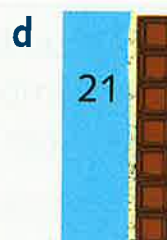
Solving problems

Solve problems and reason mathematically



Challenge 1

Write a multiplication and division fact for each of these pictures.



Example



$$24 \div 3 = 8$$

$$8 \times 3 = 24$$

Challenge 2

Read the clues to find the numbers.

a It is twelve times larger than 4.

b It is double 8 and 4 more.

c It is 20 times larger than 3 multiplied by 2.

d It is double 8 and double 8 again.

e It is 5 less than 25 divided by 5.

f It is 5 times more than 9.

g It is half of 64 and half again.

h It is the sum of 40 divided by 8 and 24 divided by 4.

i It is the same as 9 multiplied by 4 and 3 multiplied by 12.

Challenge 3

a Nabil has 64 stamps. Amal has 8 stamps. How many times more stamps does Nabil have than Amal?

b 56 cars are in the car park in the morning. Half are gone by lunchtime. How many are left?

c A pizza is split into slices and eaten. Johan eats 8 slices of pizza and May eats 12 slices of pizza. How many slices in the whole pizza?

d The cook has 40 biscuits. He needs 8 times more for the packed lunches. How many biscuits does he need in total?

e 27 cakes are shared between 9 children. How many for each child? If cakes cost 40p each, how much did each child pay?

