Give me 5!

You have 5 minutes to answer these 5 questions.

In the back of your journal, write the date.

Try your best and show all of your working out (making sure your final answer is clear).

If you finish, check your working.

Can you beat your best score?
Can you beat your best time?

Give me 5!

1. 5294 + 2846 =

2. 8563 - 4684 =

3. 66 ÷ 9 =

4. 488 ÷ 4 =

5. 265 x 8 =

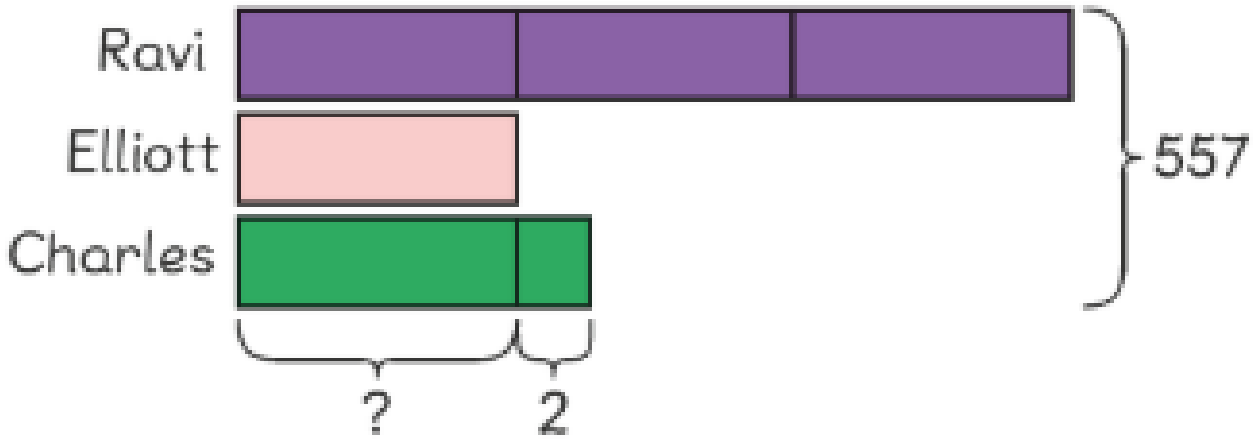
WALT: solve word problems involving multiplication and division.

In Focus

Ravi, Elliott and Charles have 557 marbles altogether.
Ravi has 3 times as many marbles as Elliott has.
Elliott has 2 fewer marbles than Charles has.
How many marbles does Elliott have?

We can draw a bar model to help us understand this question.

Let's Learn



5 units = 557 − ▭

= ▭

1 unit = ▭ ÷ ▭

= ▭

Elliott has ▭ marbles.

Guided Practice

1 Amira has 264 stickers.
She has 6 times as many stickers as Emma has.

(a) How many stickers does Emma have?

(b) How many stickers do they have altogether?

Amira

Emma

What do we already know?

What do we need to find out?

Name: _____ Class: _____ Date: _____

Worksheet 18

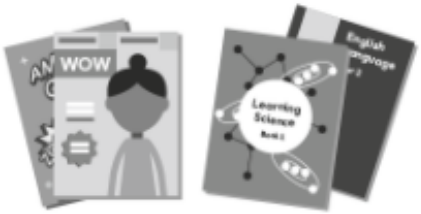
Solving Word Problems

Solve.

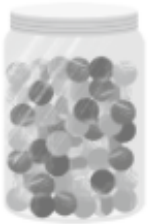
1 A school has 345 teachers and pupils altogether.
There are 4 times as many boys as teachers.
There are 12 more girls than there are boys.
How many pupils are there altogether?

2 There are 6 lollies in a packet.
A teacher buys 25 packets and divides them equally among her pupils.
Each pupil gets 4 lollies and there are 22 lollies left over.
How many pupils are there altogether?

3 The library has 441 storybooks and magazines altogether.
There are 8 times as many storybooks as magazines.
How many more storybooks than magazines are there in the library?



4 Charles has 9 times as many red marbles as blue marbles.
If he has 288 more red than blue marbles, how many red marbles does he have?



Extension

Work out the answers to these questions, then write your own word problem to go with the calculations!

a) 295 ÷ 3
b) 538 ÷ 2
c) 837 ÷ 4
d) 209 ÷ 5
e) 129 ÷ 3
f) 294 ÷ 4

Name: _____ Class: _____ Date: _____

Worksheet 18

Solving Word Problems

Solve.

1 A school has 345 teachers and pupils altogether.
There are 4 times as many boys as teachers.
There are 12 more girls than there are boys.
How many pupils are there altogether?

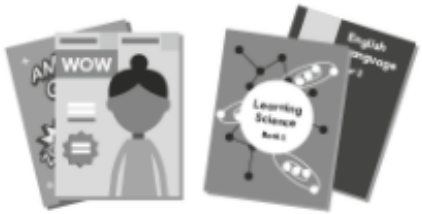
345 - 12 = 333
333 ÷ 9 = 37
37 × 8 = 296
296 + 12 = 308
There are 308 pupils altogether.

2 There are 6 lollies in a packet.
A teacher buys 25 packets and divides them equally among her pupils.
Each pupil gets 4 lollies and there are 22 lollies left over.
How many pupils are there altogether?

25 × 6 = 150
150 - 22 = 128
128 ÷ 4 = 32

There are 32 pupils altogether.

3 The library has 441 storybooks and magazines altogether.
There are 8 times as many storybooks as magazines.
How many more storybooks than magazines are there in the library?



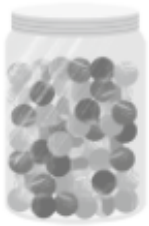
441 ÷ 9 = 49

49 × 8 = 392

392 - 49 = 343

There are 343 more storybooks than magazines.

4 Charles has 9 times as many red marbles as blue marbles.
If he has 288 more red than blue marbles, how many red marbles does he have?



288 ÷ 8 = 36

36 × 9 = 324

OR

288 + 36 = 324

He has 324 red marbles.

Attachments

Fri plenary. Division-reveal-the-picture.ppt