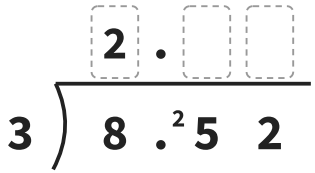
Dividing decimals

1

Work out 8.52 ÷ 3 using short division.

Put the point in the answer straight above the point inside.



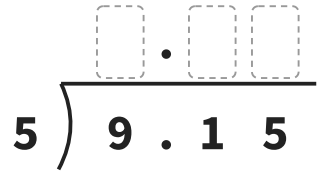
Check ☐ × 3 = 8.52

Answer _____

2

Work out 9.15 ÷ 5 using short division.

Put the point in the answer straight above the point inside.



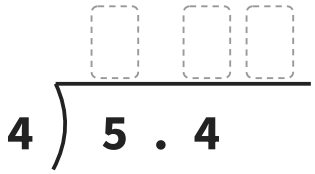
Check ☐ × 5 = 9.15

Answer _____

3

Work out 5.4 ÷ 4 using short division.

Write zeros on the end while there is some left over.



Check ☐ × 4 = 5.4

Answer _____

4

Work out 7.3 ÷ 2 using short division.

Write zeros on the end while there is some left over.



Check ☐ × 2 = 7.3

Answer _____

5

Work out 7.2 ÷ 0.8

Multiply both numbers by 10, so you divide by a whole number.

$$\frac{7.2}{0.8} \overset{\times 10}{=} \frac{\square}{\square} = \square$$

Check ☐ (× 10) × 0.8 = 7.2

Answer _____

6

Work out 2.85 ÷ 0.05

Multiply both numbers by 10 or 100, until you divide by a whole number.

$$\frac{2.85}{0.05} \overset{\times}{=} \frac{\square}{\square} = \square$$

Check ☐ (×) × 0.05 = 2.85

Answer _____

7

Jaya works out 2.4 ÷ 0.3.
She writes 2.4 ÷ 3 = 0.8. Use a check to show that Jaya is wrong.
Then work out the right answer.

Answer _____

8

Mo, Ana and Leo share the cost of a board game equally.
The game costs £14.85.
How much does each of them pay?

Answer _____

Dividing decimals *further practice*

9

Work out 6.24 ÷ 4

Answer _____

10

Work out 9.1 ÷ 4

Answer _____

11

A jug holds 1.8 litres of smoothie.
Each glass holds 0.3 litres.
How many glasses can be filled from the jug?

Answer _____

12

Mia multiplies a number by 6.
Her answer is 8.4. What number did she start with?

Answer _____

13

A pack of 4 pens costs £3.60. A pack of 6 pens costs £5.10. Which pack is better value? Show how you know.

Answer _____

14

Fabric costs £0.80 for each metre.
Jo spends £6.40 on fabric.
How many metres does she buy?

Answer _____

15

5 cinema tickets cost £42.50 altogether.
How much do 3 of these tickets cost?

Answer _____

16

Nia says that dividing always makes a number smaller. Use 2.4 ÷ 0.6 to show that Nia is wrong.

Answer _____