GCSE Maths: Dividing decimals (Foundation): worksheet

GCSE Maths - Decimals, Rounding and Estimation - Foundation - Lesson 4.4

Name: _____ Date: _____ Score: _____

15 questions. Write your answers in the spaces. Answers and step-by-step help are free at **websink.site/gcse/maths/ch04-decimals-rounding-estimation/foundation/dividing-decimals/**

Exercise 4D Dividing decimals (Non-calculator)

1 Work out

(a) 0.8 ÷ 2

Answer:

(b) 6.9 ÷ 3

Answer:

(c) 0.45 ÷ 5

Answer:

(d) 12.6 ÷ 6

Answer:

(e) 4.8 ÷ 8

Answer:

(f) 9.1 ÷ 7

Answer:

2 Work out

(a) 5.6 ÷ 4

Answer:

(b) 9.45 ÷ 3

Answer:

(c) 0.72 ÷ 9

Answer:

(d) 13.5 ÷ 5

Answer:

(e) 1.2 ÷ 8

Answer:

(f) 2.07 ÷ 9

Answer:

3 Work out

(a) 6 ÷ 0.3

Answer:

(b) 2.4 ÷ 0.6

Answer:

(c) 0.84 ÷ 0.07

Answer:

(d) 1.5 ÷ 0.05

Answer:

(e) 9 ÷ 0.15

Answer:

(f) 4.2 ÷ 0.35

Answer:

4 Work out

(a) 3 ÷ 4

Answer:

(b) 7 ÷ 5

Answer:

(c) 9 ÷ 8

Answer:

5 Use the fact that 96 ÷ 8 = 12 to work out

(a) 9.6 ÷ 8

Answer:

(b) 0.96 ÷ 8

Answer:

(c) 960 ÷ 0.8

Answer:

(d) 0.96 ÷ 0.08

Answer:

6 Three friends share a taxi fare of £18.60 equally. How much does each friend pay?

Answer:

7 A roll of ribbon is 7.2 m long. How many pieces of length 0.4 m can be cut from it?

Answer:

8 A baker has 12 kg of flour. She puts 0.25 kg of flour into each bag. How many bags can she fill?

Answer:

9 A car travels 78.4 miles using 8 litres of fuel. How many miles does it travel on 1 litre?

Answer:

10 2.5 kg of apples cost £4.50. 1.5 kg of pears cost £3.15. Which fruit is cheaper per kilogram?

Answer:

11 Fill in the gap: ? × 0.4 = 3.2

Answer:

12 Work out $3.6 \times 0.5 + 4.2 \div 0.6$

Answer:

13 Without working it out, is $5 \div 0.5$ bigger or smaller than 5? Give a reason, then work it out.

Answer:

14 Ben says: "$4.8 \div 0.6 = 0.8$ because $48 \div 6 = 8$." Explain his mistake and give the correct answer.

Answer:

15 A decimal is divided by 0.2 and the answer is 35. What was the decimal?

Answer:

© Websink Prep UK. Free for classroom and home use; please do not resell. websink.site