GCSE Maths: Dividing (Foundation): worksheet

GCSE Maths - Number Basics - Foundation - Lesson 1.4

Name: _____ Date: _____ Score: _____

14 questions. Write your answers in the spaces. Answers and step-by-step help are free at **websink.site/gcse/maths/ch01-number-basics/foundation/dividing/**

Exercise 1D Dividing whole numbers and decimals

Non-calculator

1 Work out each division using your times tables.

(a) 56 ÷ 7

Answer:

(b) 81 ÷ 9

Answer:

(c) 132 ÷ 12

Answer:

(d) 96 ÷ 8

Answer:

2 Use short division.

(a) 936 ÷ 4

Answer:

(b) 1548 ÷ 6

Answer:

(c) 4032 ÷ 8

Answer:

(d) 6175 ÷ 5

Answer:

3 Use short division. Write each answer with a remainder.

(a) 487 ÷ 6

Answer:

(b) 1000 ÷ 7

Answer:

(c) 2345 ÷ 9

Answer:

4 Use long division.

(a) 936 ÷ 24

Answer:

(b) 7523 ÷ 34

Answer:

(c) 4704 ÷ 28

Answer:

(d) 10 000 ÷ 16

Answer:

5 **Work these out as decimals. The answers do not need rounding.**

(a) 9 ÷ 4

Answer:

(b) 3 ÷ 8

Answer:

(c) 17 ÷ 20

Answer:

(d) 45 ÷ 16

Answer:

6 **Work out these divisions of decimals by whole numbers.**

(a) 7.5 ÷ 5

Answer:

(b) 0.84 ÷ 7

Answer:

(c) 12.6 ÷ 9

Answer:

(d) 20.4 ÷ 12

Answer:

7 **Work out each division by a decimal.**

(a) 7.2 ÷ 0.4

Answer:

(b) 5.6 ÷ 0.07

Answer:

(c) 0.9 ÷ 0.03

Answer:

(d) 4.5 ÷ 1.5

Answer:

(e) 18 ÷ 0.25

Answer:

8 **156 sweets are shared equally between 12 children. How many sweets does each child get?**

Answer:

9 Stickers are put in albums. Each album holds 6 stickers. Ahmed has 50 stickers. How many albums can he fill completely?

Answer:

10 420 students are going on a trip. Each coach holds 53 students. How many coaches are needed?

Answer:

11 Five friends share a bill of £7.35 equally. How much does each friend pay?

Answer:

12 A recipe uses 2.4 kg of flour to make 16 cakes. How much flour is used for one cake?

Answer:

13 Mia works out 4 ÷ 0.5. She says the answer is 2 because “half of 4 is 2”. Explain her mistake and work out the correct answer.

Answer:

14 Without a calculator, show that 7.2 ÷ 0.4 = 72 ÷ 4. Explain why multiplying both numbers by 10 does not change the answer.

Answer:

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