

GCSE Maths: Multiplying (Foundation): worksheet

GCSE Maths - Number Basics - Foundation - Lesson 1.3

Name: _____

Date: _____

Score: _____

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

Exercise 1C Multiplying whole numbers and decimals

Non-calculator

1 Work out each multiplication by splitting off the tens, hundreds or thousands.

(a) 34×20

Answer: _____

(b) 250×30

Answer: _____

(c) 46×200

Answer: _____

(d) 7.5×40

Answer: _____

(e) 0.8×600

Answer: _____

(f) 125×4000

Answer: _____

2 Use short multiplication to work these out.

(a) 245×6

Answer: _____

(b) 1308×7

Answer: _____

(c) 86×9

Answer: _____

(d) 4125×8

Answer: _____

3 Use the grid method to work these out.

(a) 23×14

Answer: _____

(b) 46×35

Answer: _____

(c) 124×23

Answer: _____

4 Use long multiplication.

(a) 47×36

Answer:

(b) 308×25

Answer:

(c) 726×48

Answer:

(d) 1204×63

Answer:

5 Work out each product. Do not use a calculator.

(a) 0.6×0.8

Answer:

(b) 2.5×4.2

Answer:

(c) 12.4×0.35

Answer:

(d) 0.09×0.7

Answer:

(e) 6.8×5

Answer:

(f) 0.25×0.12

Answer:

6 There are 36 students on a school trip. Each student pays £14.50. Work out the total amount paid.

Answer:

7 Eggs are sold in boxes of 24. A shop buys 125 boxes. How many eggs is that?

Answer:

8 Without working it out, which is bigger: 7.3×0.9 or 7.3 ? Give a reason.

Answer:

9 Ravi works out 38.6×4.7 and gets 1814.2. Use an estimate to show that his answer is wrong, then work out the correct answer.

Answer:

10 Write down two numbers, each with exactly one decimal place, that multiply to give 0.24.

Answer: