

Year 5 Long Multiplication: check-up and SATs-style questions: answers

Year 5 - Long Multiplication - Test yourself

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-5/ch04-multiplication/check-up-and-sats-style-questions/

Exercise 4Z Check-up (non-calculator) Non-calculator

1 Work out 3.42×100 .

Answer: 342

2 Work out 40×70 .

Answer: 2,800

3 Work out 36×25 in your head.

Answer: 900

4 Work out $4,725 \times 6$.

Answer: 28,350

5 Work out 38×46 .

Answer: 1,748

6 Work out 524×37 .

Answer: 19,388

7 Estimate the answer to 487×62 .

Answer: 30,000

8 6 buns cost £4. How much do 18 buns cost?

Answer: £12

9 A rectangle is 17 cm long and 12 cm wide. What is its area?

Answer: 204 cm²

10 Find the missing number. $6 \times 8 = 12 \times ?$

Answer: 4

Exercise 4X SATs-style questions Non-calculator

1 Which calculation has the same answer as 4.5×100 ? Tick one box. A 45×10 B $4.5 \times 1,000$ C 0.45×10
D 450×100 [1 mark]

Answer: A (45×10)

2 What is the value of 4^3 ? [1 mark]

Answer: 64

- 3** Which calculation is the same as 36×25 ? Tick one box. A $36 \times 100 \div 2$ B $36 \times 100 \div 4$ C $36 \times 10 \times 5$ D $36 \times 20 + 5$ [1 mark]

Answer: B ($36 \times 100 \div 4$)

- 4** Work out $3,682 \times 4$. [1 mark]

Answer: 14,728

- 5** Work out 47×36 . Show your method. [2 marks]

Answer: 1,692

- 6** Zara says, " $48 \times 52 = 2,496$." Use an estimate to show that Zara's answer could be correct. [2 marks]

Answer: 48×52 is about $50 \times 50 = 2,500$, which is close to 2,496

- 7** A shop sells 5 apples for £3. Mrs Singh buys 35 apples. How much does she pay? [2 marks]

Answer: £21

- 8** A café has 3 starters and 5 main courses. A meal is one starter and one main course. [3 marks]

- (a) How many different meals are there?

Answer: 15 meals

- (b)

The café adds 4 desserts. A meal is now one starter, one main course and one dessert. How many different meals are there now?

Answer: 60 meals

- 9** A hall has 24 rows of chairs. Each row has 28 chairs. 145 chairs are taken. How many chairs are empty? Show your working. [3 marks]

Answer: 527 chairs

- 10** Two whole numbers have a product of 96 and a sum of 20. What are the two numbers? Show how you know. [3 marks]

Answer: 8 and 12