

Year 5 Short Division and Remainders: check-up and SATs-style questions: answers

Year 5 - Short Division and Remainders - 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/ch05-division/check-up-and-sats-style-questions/

Exercise 5Z Check-up (non-calculator) Non-calculator

- 1 Work out $6.3 \div 10$.

Answer: 0.63

- 2 Work out $4,500 \div 90$.

Answer: 50

- 3 Work out $1,350 \div 25$ in your head.

Answer: 54

- 4 Work out $2,436 \div 6$.

Answer: 406

- 5 Work out $7,263 \div 9$.

Answer: 807

- 6 Work out $5,947 \div 6$. Write your answer with a remainder.

Answer: 991 r 1

- 7 Estimate the answer to $5,918 \div 7$.

Answer: 800

- 8 A baker has 95 muffins. A box holds 4 muffins. How many full boxes can she fill?

Answer: 23 boxes

- 9 A coach travels 252 km in 4 hours at a steady speed. How many kilometres does it travel in 1 hour?

Answer: 63 km per hour

- 10 Work out each answer.

(a) $6 + 48 \div 8 \times 3 =$

Answer: 24

(b) Find the missing number: $72 \div 8 = 3 \times \boxed{?}$

Answer: 3

Exercise 5X SATs-style questions Non-calculator

- 1 Which calculation has the same answer as $4.5 \div 10$? Tick one box. A $45 \div 100$ B $4.5 \div 100$ C $450 \div 10$ D $0.45 \div 10$

Answer: A ($45 \div 100$)

[1 mark]

- 2** Write the missing number. $7.2 \div \boxed{?} = 0.072$

[1 mark]

Answer: 100

- 3** You know that $7 \times 8 = 56$. Use this fact to work out $5,600 \div 70$.

[1 mark]

Answer: 80

- 4** Work out $4,352 \div 8$. Show your method.

[2 marks]

Answer: 544

- 5** A minibus holds 9 children. 130 children are going on a trip. How many minibuses are needed?

[2 marks]

Answer: 15 minibuses

- 6** Zainab says, " $5,432 \div 8 = 679$." Use multiplication to show that Zainab is correct.

[2 marks]

Answer: $679 \times 8 = 5,432$

- 7** 12 pens cost £9. How much do 4 pens cost?

[2 marks]

Answer: £3

- 8** Ravi has 7 sheets of stickers. There are 54 stickers on each sheet. He shares all the stickers equally between 9 friends. How many stickers does each friend get? Show your working.

[3 marks]

Answer: 42 stickers

- 9** Leo says, " $6 + 18 \div 3 = 8$." Is Leo correct? Show your working and explain.

[3 marks]

Answer: No. $6 + 18 \div 3 = 12$. Leo added before dividing.

- 10** Amira thinks of a number. She divides it by 5 and then adds 14. Her answer is 30. What number did Amira think of? Show how you know.

[3 marks]

Answer: 80