

Year 4: Dividing with place value and short division: answers

Year 4 - Short Multiplication and Short Division - Lesson 4.4

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch04-multiplying-dividing/dividing-with-place-value-and-short-division/

Exercise 4D Dividing with place value and short division

Non-calculator

1 Use the known fact to help you.

(a) $420 \div 7 =$

Answer: 60

(b) $2,400 \div 6 =$

Answer: 400

(c) $320 \div 4 =$

Answer: 80

(d) $7,200 \div 8 =$

Answer: 900

(e) $350 \div 5 =$

Answer: 70

(f) $5,400 \div 9 =$

Answer: 600

2 Use place value and chunks.

(a) $68 \div 4 =$

Answer: 17

(b) $72 \div 3 =$

Answer: 24

(c) $95 \div 5 =$

Answer: 19

(d) $84 \div 6 =$

Answer: 14

(e) $96 \div 8 =$

Answer: 12

(f) $78 \div 3 =$

Answer: 26

3 Use the bus stop method. Every digit divides exactly.

(a) $84 \div 2 =$

Answer: 42

(b) $69 \div 3 =$

Answer: 23

(c) $48 \div 4 =$

Answer: 12

(d) $66 \div 6 =$

Answer: 11

(e) $93 \div 3 =$

Answer: 31

(f) $86 \div 2 =$

Answer: 43

4 Use the bus stop method. You will need to carry.

(a) $52 \div 4 =$

Answer: 13

(b) $91 \div 7 =$

Answer: 13

(c) $75 \div 5 =$

Answer: 15

(d) $96 \div 6 =$

Answer: 16

(e) $81 \div 3 =$

Answer: 27

(f) $72 \div 4 =$

Answer: 18

5 Use the bus stop method with three-digit numbers.

(a) $642 \div 2 =$

Answer: 321

(b) $936 \div 3 =$

Answer: 312

(c) $848 \div 4 =$

Answer: 212

(d) $396 \div 3 =$

Answer: 132

6 Use the bus stop method with three-digit numbers. You will need to carry.

(a) $756 \div 6 =$

Answer: 126

(b) $432 \div 3 =$

Answer: 144

(c) $672 \div 4 =$

Answer: 168

(d) $585 \div 5 =$

Answer: 117

(e) $846 \div 9 =$

Answer: 94

(f) $912 \div 8 =$

Answer: 114

7 There is a zero in each answer. Use the bus stop method.

(a) $618 \div 6 =$

Answer: 103

(b) $812 \div 4 =$

Answer: 203

(c) $540 \div 9 =$

Answer: 60

(d) $714 \div 7 =$

Answer: 102

8 Find the missing number in each sentence.

(a) $7 \times \boxed{?} = 154$

Answer: 22

(b) $\boxed{?} \div 6 = 34$

Answer: 204

(c) $5 \times \boxed{?} = 365$

Answer: 73

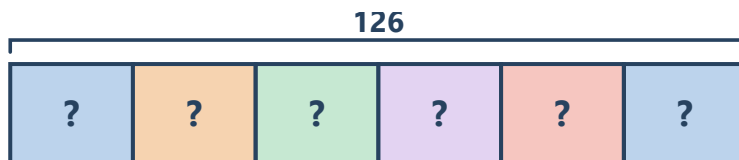
(d) $\boxed{?} \div 4 = 125$

Answer: 500

- 9 You know that $6 \times 23 = 138$. Write two division facts that use the numbers 6, 23 and 138.

Answer: $138 \div 6 = 23$ and $138 \div 23 = 6$

- 10 There are 126 children in a school sports day. They are put into 6 equal teams. How many children are in each team?



Answer: 21 children

- 11 Three friends win £252 and share it equally. How much money does each friend get?



Answer: £84

- 12 Yusuf reads a book with 312 pages. He reads the same number of pages each day for 6 days and then finishes the book. How many pages does he read each day?



Answer: 52 pages

- 13 Priya says, " $618 \div 6 = 13$." Use an estimate to show that Priya is wrong. Then write the correct answer.

Answer: 103

- 14 Always, sometimes or never? When you divide a three-digit number by 3, the answer has two digits.

Answer: Sometimes

- 15 Which of these numbers divide exactly by 4? 84 90 96 102

Answer: 84 and 96

- 16 Find **all** the numbers between 100 and 200 that are in both the 7 times table and the 8 times table.

Answer: 112 and 168