

Year 4: Division facts, fact families and missing numbers: answers

Year 4 - Times Tables - Lesson 3.5

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/ch03-times-tables/division-facts-fact-families-and-missing-numbers/

Exercise 3E Division facts, fact families and missing numbers Non-calculator

1 Quick-fire! Halve, double then divide by 10, or move the digits.

(a) $18 \div 2 =$

Answer: 9

(b) $70 \div 10 =$

Answer: 7

(c) $45 \div 5 =$

Answer: 9

(d) $120 \div 10 =$

Answer: 12

(e) $50 \div 5 =$

Answer: 10

(f) $24 \div 2 =$

Answer: 12

(g) $110 \div 10 =$

Answer: 11

(h) $60 \div 5 =$

Answer: 12

(i) $16 \div 2 =$

Answer: 8

(j) $100 \div 10 =$

Answer: 10

2 Quick-fire! Divide by 3 and by 4.

(a) $21 \div 3 =$

Answer: 7

(b) $36 \div 4 =$

Answer: 9

(c) $27 \div 3 =$

Answer: 9

(d) $48 \div 4 =$

Answer: 12

(e) $33 \div 3 =$

Answer: 11

(f) $32 \div 4 =$

Answer: 8

(g) $36 \div 3 =$

Answer: 12

(h) $44 \div 4 =$

Answer: 11

(i) $15 \div 3 =$

Answer: 5

(j) $40 \div 4 =$

Answer: 10

3 Quick-fire! Divide by 6, 7, 8 and 9.

(a) $42 \div 6 =$

Answer: 7

(b) $56 \div 7 =$

Answer: 8

(c) $72 \div 8 =$

Answer: 9

(d) $81 \div 9 =$

Answer: 9

(e) $54 \div 6 =$

Answer: 9

(f) $63 \div 7 =$

Answer: 9

(g) $64 \div 8 =$

Answer: 8

(h) $108 \div 9 =$

Answer: 12

(i) $84 \div 7 =$

Answer: 12

(j) $96 \div 8 =$

Answer: 12

(k) $72 \div 6 =$

Answer: 12

(l) $90 \div 9 =$

Answer: 10

4 Quick-fire! Divide by 11 and by 12.

(a) $66 \div 11 =$

Answer: 6

(b) $84 \div 12 =$

Answer: 7

(c) $121 \div 11 =$

Answer: 11

(d) $144 \div 12 =$

Answer: 12

(e) $99 \div 11 =$

Answer: 9

(f) $60 \div 12 =$

Answer: 5

(g) $132 \div 11 =$

Answer: 12

(h) $108 \div 12 =$

Answer: 9

5 Mixed quick-fire!

(a) $45 \div 9 =$

Answer: 5

(b) $72 \div 12 =$

Answer: 6

(c) $35 \div 7 =$

Answer: 5

(d) $88 \div 8 =$

Answer: 11

(e) $66 \div 6 =$

Answer: 11

(f) $48 \div 4 =$

Answer: 12

(g) $55 \div 11 =$

Answer: 5

(h) $36 \div 12 =$

Answer: 3

(i) $49 \div 7 =$

Answer: 7

(j) $80 \div 10 =$

Answer: 8

(k) $63 \div 9 =$

Answer: 7

(l) $30 \div 5 =$

Answer: 6

6 Write the answers. Take care with the special cases!

(a) $12 \div 1$

Answer: 12

(b) $7 \div 7$

Answer: 1

(c) $0 \div 9$

Answer: 0

(d) $100 \div 1$

Answer: 100

(e) $12 \div 12$

Answer: 1

(f) $8 \div 1$

Answer: 8

7 Write the fact family for each set of numbers.

(a) 3, 8 and 24

Answer: $3 \times 8 = 24$, $8 \times 3 = 24$, $24 \div 3 = 8$, $24 \div 8 = 3$

(b) 6, 9 and 54

Answer: $6 \times 9 = 54$, $9 \times 6 = 54$, $54 \div 6 = 9$, $54 \div 9 = 6$

(c) 7, 7 and 49

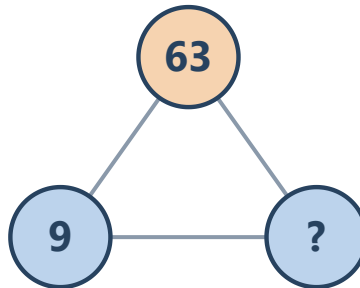
Answer: $7 \times 7 = 49$, $49 \div 7 = 7$

(d) 12, 5 and 60

Answer: $12 \times 5 = 60$, $5 \times 12 = 60$, $60 \div 12 = 5$, $60 \div 5 = 12$

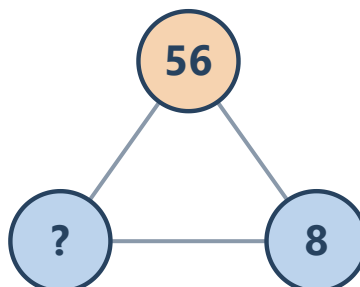
8 Each fact triangle has a number missing. Find the missing number.

(a)



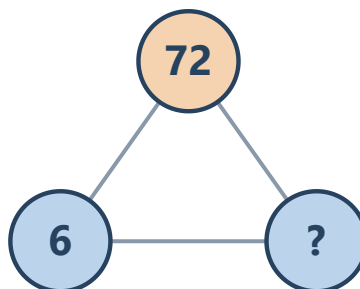
Answer: 7

(b)



Answer: 7

(c)



Answer: 12

9 Find the missing number in each sum.

(a) $\boxed{?} \div 7 = 6$

Answer: 42

(b) $72 \div \boxed{?} = 9$

Answer: 8

(c) $6 \times \boxed{?} = 54$

Answer: 9

(d) $\boxed{?} \div 12 = 5$

Answer: 60

(e) $63 \div \boxed{?} = 7$

Answer: 9

(f) $96 = 8 \times \boxed{?}$

Answer: 12

(g) $\boxed{?} \div 4 = 11$

Answer: 44

(h) $110 \div \boxed{?} = 10$

Answer: 11

10 Use multiplication to check each division. Write "Correct" or "Wrong". If it is wrong, write the right answer.

(a) $63 \div 7 = 8$

Answer: Wrong. The answer is 9.

(b) $56 \div 8 = 6$

Answer: Wrong. The answer is 7.

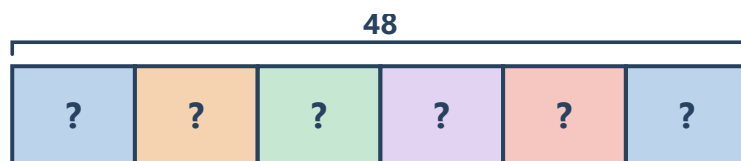
(c) $72 \div 9 = 8$

Answer: Correct

(d) $45 \div 5 = 8$

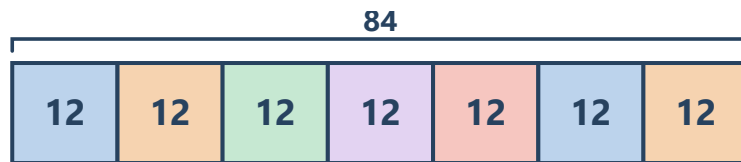
Answer: Wrong. The answer is 9.

11 Priya shares 48 stickers equally between 6 friends. How many stickers does each friend get?



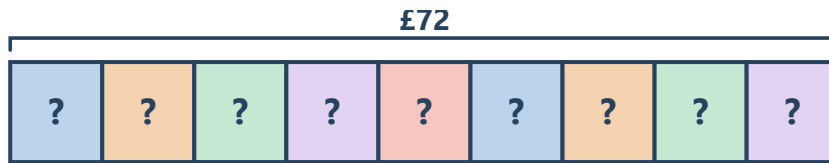
Answer: 8

12 Biscuits are packed into boxes of 12. A factory has 84 biscuits. How many boxes can it fill?



Answer: 7

- 13** Nine friends win £72 in a raffle. They share the money equally. How much does each friend get?



Answer: £8

- 14** Tom says, " $36 \div 4 = 8$, because $4 \times 8 = 32$." Tom has made a mistake. What is the correct answer?

Answer: 9

- 15** Always, sometimes or never? When you divide a number by 2, the answer is an even number.

Answer: Sometimes

- 16** Three of these divisions have the answer 8. Which three? Tick **three** boxes.

- A $56 \div 7$
- B $64 \div 9$
- C $72 \div 9$
- D $96 \div 12$
- E $80 \div 8$

Answer: A, C and D

- 17** Two numbers multiply to make 36. The same two numbers add to make 13. What are the two numbers?

Answer: 4 and 9