

Year 4: Multiplying and dividing by 10 and 100: worksheet

Year 4 - Short Multiplication and Short Division - Lesson 4.1

Name: _____

Date: _____

Score: _____

15 questions. Write your answers in the spaces. Answers and step-by-step help are free at websink.site/ks2-sats/maths/year-4/ch04-multiplying-dividing/multiplying-and-dividing-by-10-and-100/

Exercise 4A Multiplying and dividing by 10 and 100

Non-calculator

1 Quick-fire! Multiply by 10.

(a) $8 \times 10 =$

Answer: _____

(b) $23 \times 10 =$

Answer: _____

(c) $65 \times 10 =$

Answer: _____

(d) $90 \times 10 =$

Answer: _____

(e) $147 \times 10 =$

Answer: _____

(f) $380 \times 10 =$

Answer: _____

2 Quick-fire! Multiply by 100.

(a) $4 \times 100 =$

Answer: _____

(b) $17 \times 100 =$

Answer: _____

(c) $60 \times 100 =$

Answer: _____

(d) $205 \times 100 =$

Answer: _____

(e) $308 \times 100 =$

Answer: _____

(f) $99 \times 100 =$

Answer: _____

3 Quick-fire! Divide by 10.

(a) $70 \div 10 =$

Answer: _____

(b) $340 \div 10 =$

Answer:

(c) $800 \div 10 =$

Answer:

(d) $1,250 \div 10 =$

Answer:

(e) $4,060 \div 10 =$

Answer:

(f) $9,000 \div 10 =$

Answer:

4 Quick-fire! Divide by 100.

(a) $600 \div 100 =$

Answer:

(b) $4,700 \div 100 =$

Answer:

(c) $3,000 \div 100 =$

Answer:

(d) $9,500 \div 100 =$

Answer:

(e) $7,200 \div 100 =$

Answer:

(f) $8,000 \div 100 =$

Answer:

5 Mixed quick-fire! Watch the signs.

(a) $56 \times 10 =$

Answer:

(b) $300 \div 10 =$

Answer:

(c) $7 \times 100 =$

Answer:

(d) $2,900 \div 100 =$

Answer:

(e) $410 \times 10 =$

Answer:

(f) $6,000 \div 10 =$

Answer:

(g) $83 \times 100 =$

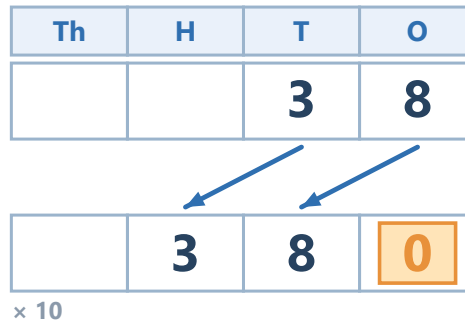
Answer:

(h) $500 \div 100 =$

Answer:

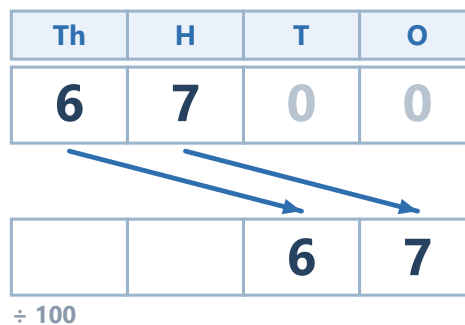
- 6 Each picture shows the digits of a number moving. Write the calculation and the answer that each picture shows.

(a)



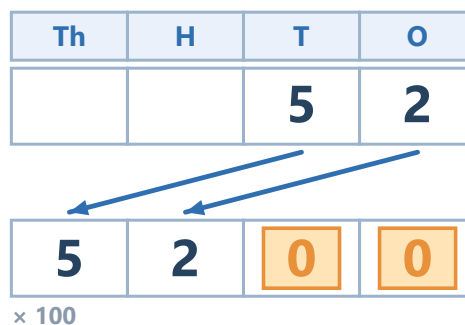
Answer:

(b)



Answer:

(c)



Answer:

- 7 Find the missing number in each sentence.

(a) $45 \times \boxed{?} = 4,500$

Answer:

(b) $8 \times \boxed{?} = 80$

Answer:

(c) $\boxed{?} \times 10 = 370$

Answer:

(d) $\boxed{?} \times 100 = 6,200$

Answer:

(e) $\boxed{?} \div 10 = 54$

Answer:

(f) $900 \div \boxed{?} = 9$

Answer:

8 Write down:

(a) a number that is 10 times bigger than 76

Answer:

(b) a number that is 100 times bigger than 9

Answer:

(c) a number that is 10 times smaller than 830

Answer:

(d) a number that is 100 times smaller than 6,100

Answer:

9 There are 10 pencils in a box. A school orders 85 boxes. How many pencils is that?

Answer:

10 A sweet costs 10p. Zainab buys 64 sweets. How much does she spend? Give your answer in pence.

Answer:

11 A rope is 3,500 cm long. There are 100 cm in 1 m. How many metres long is the rope?

Answer:

12 Zainab says, "700 ÷ 10 = 7, because you take the zeros away." Is Zainab right? Explain.

Answer:

13 Always, sometimes or never? When you multiply a whole number by 10, the answer ends in 0.

Answer:

14 Which one is the odd one out? A 5×100 B 50×10 C 500×10 D $5,000 \div 10$

Answer:

15 I think of a number. I multiply it by 100 and get 6,300.

(a) What number did I think of?

Answer:

(b) What do I get if I divide 6,300 by 10?

Answer: