

Name _____ Date _____

1. Which property is shown by the example below?

$$3 \times 7 = (3 \times 5) + (3 \times 2)$$

- A. Multiplication Property of Zero
 - B. Multiplication Property of One
 - C. Distributive Property (with addition)
 - D. Associative Property of Multiplication
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2. Choose the property that matches the definition below.

Changing the grouping of factors does not change the product.

- A. Distributive Property (with addition)
 - B. Multiplication Property of Zero
 - C. Multiplication Property of One
 - D. Associative Property of Multiplication
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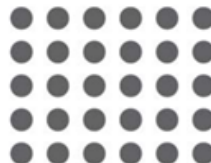
3. Complete the sentence below.

The answer when you divide one number by another number is called the _____.

- A. divisor
 - B. quotient
 - C. fact family
 - D. dividend
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4. Choose the number that completes the equations.

$$6 \times \underline{\quad} = 30$$
$$30 \div 6 = \underline{\quad}$$



- A. 4
- B. 5
- C. 6
- D. 7

5. Choose all the pairs of number sentences in which the number 6 will make each number sentence true.

A. $7 \times ? = 42$
 $42 \div 7 = ?$

D. $9 \times ? = 54$
 $54 \div 9 = ?$

B. $5 \times ? = 35$
 $35 \div 5 = ?$

E. $8 \times ? = 56$
 $56 \div 8 = ?$

C. $6 \times ? = 36$
 $36 \div 6 = ?$

6. There are 28 counters. The counters are in 4 equal rows. How many counters are in each row?

4 rows of _____
 $28 \div 4 = \underline{\hspace{2cm}}$

Choose the number that completes both the phrase and equation.

A. 6

C. 8

B. 7

D. 9

7. Which number shows the answer to two times eight?

A. 6

C. 16

B. 10

D. 18

8. What is 11×12 ?

A. 23

C. 132

B. 121

D. 144

9. Use any strategy to multiply 7 by 7.

A. 0

C. 28

B. 14

D. 49

10. What is the value of $36 \div 6$?

A. 6

C. 8

B. 7

D. 9

11. Find the quotient.

$$3 \div 3 = \underline{\quad}$$

A. 0

C. 6

B. 1

D. 9

12. Which expression can be used to find 5×9 ?

A. $5 \times (8 - 2)$

C. $5 \times (10 - 1)$

B. $(6 + 1) \times 5$

D. $(5 + 2) \times 5$

13. What is another way to group the factors of the expression below?

$$7 \times (9 \times 2)$$

A. $(7 + 9) \times 2$

C. $(7 \times 9) \times 2$

B. $7 \times (9 \times 2)$

D. $7 \times (9 + 2)$

14. Find $(2 \times 4) \times 8$.

A. 8

C. 32

B. 16

D. 64

15. You drink 2 cups of water three times a day. How many cups of water do you drink in 3 days?

A. 6

C. 12

B. 9

D. 18

16. A music teacher has 12 new recorders for his students. He also buys 6 boxes of recorders. Each box has 10 recorders. How many recorders does he have now?

17. Janine and 9 friends go to the movies. They each pay the same amount for the movie ticket and snacks. The total amount is \$90. How much, in dollars, did each person pay for their trip to the movies?

A. \$3

C. \$10

B. \$9

D. \$60

18. Melissa has collected 91 seashells. She gives her little brother 19 seashells. Melissa wants to put her remaining seashells in little boxes. If she puts 8 seashells in each box, how many boxes will she need?

A. 9

C. 7

B. 8

D. 6

19. Mario wrote the number sentence $63 \div 7 = \square$. Which number sentence means the same as the number sentence Mario wrote?

A. $\square \times 63 = 7$

C. $7 \times \square = 63$

B. $7 \div \square = 63$

D. $\square \div 63 = 7$

20. Which pair shows two equations that are not related?

A. $3 \times 4 = 12$
 $12 \div 4 = 3$

C. $6 \times 4 = 24$
 $24 \div 8 = 3$

B. $7 \times 2 = 14$
 $14 \div 2 = 7$

D. $9 \times 1 = 9$
 $9 \div 9 = 1$

21. Which of the following equations can be used to find the quotient $60 \div 12$?

A. $12 \times \square = 60$

C. $60 - 12 = \square$

B. $60 \times 12 = \square$

D. $\square + 12 = 60$

22. Which equation is true?

A. $3 \times 12 = 132 \div 11$

C. $72 \div 8 = 3 \times 3$

B. $2 \times 3 = 36 \div 12$

D. $96 \div 12 = 4 \times 3$

23. Tell whether the equation is true or false. Explain.

$4 \times 11 = 40 \div 10$

A. The equation is true because 40 equals 40.

B. The equation is false because 44 does not equal 4.

C. The equation is true because 44 equals 44.

D. The equation is false because 4 does not equal 40.

24. Find the number that makes the equation true.

$2 \times 3 = 42 \div \square$

A. 5

C. 7

B. 6

D. 8