**1. What multiplication fact is being modeled on this number line?**
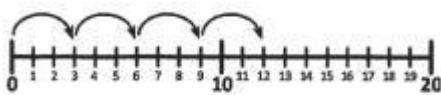


**2. This model represents a division fact.**
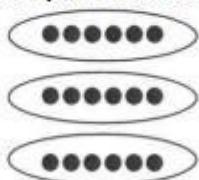


**Which division fact correctly represents this model?**

A  $18 \div 2 = 9$    C  $15 \div 3 = 5$

B  $18 \div 3 = 6$    D  $18 \div 6 = 4$

**3. Brady arranged his tiles in these two ways.**
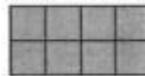
Arrangement 1        Arrangement 2



Brady then wrote two multiplication sentences that describe each of these two arrangements.

Write the two multiplication sentences that match his tile arrangements.

_____    _____

Arrangement 1        Arrangement 2

**4. What is the product of 9 x 8?**

**5. What is the quotient of 54 ÷ 6?**

**6. Choose all of the facts that have a product of 18.**

| 9 x 3 | 6 x 3 | 7 x 3 |
|-------|-------|-------|
| 3 x 6 | 9 x 2 | 18 x 0 |

**7. Jen worked this division problem**

$$42 \div 6 = ?$$



Choose all of the problems that Jen could use to help her solve this problem?

| 42 + 6 = 48 | 6 ÷ 3 = 2 | 6 + 36 = 42 |
|-------------|-----------|-------------|
| 6 x 7 = 42 | 36 + 6 = 42 | 7 x 6 = 42 |

**8. Paul wrote this true number sentence.**

$$32 \div 8 = 4$$
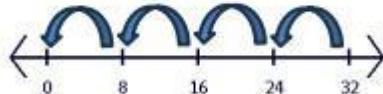


What are three more facts that are related to this number sentence?

LIVEWORKSHEETS

9. Cory used the math fact 4 x 7 = 28 to help solve a related problem.



Which of these could be the fact that Cory was trying to solve?

A ___ x 7 = 4      C ___ + 7 = 4

B ___ ÷ 7 = 4      D ___ - 7 = 4

10. The number sentence below is true.

3 x 9 = 27
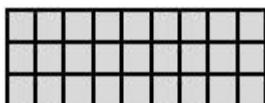


What number makes the following number sentence true?

27 ÷ ___ = 3

11. Choose the number sentence below that is true.

A  17 + 0 = 0

B  16 + 1 = 18 – 1

C  17 x 1 = 0

D  2 + 14 = 17 + 0

12. Examine the related number sentences below:

6 x 5 = ___ x 10

5 x ___ = 6 x 5

___ x 5 = 30 – 30

30 ÷ 5 = ___ x 6

What number will go in the blanks to make each statement true?

13. Choose all of the number sentences that are equal to 24.

A  4 + 4 + 4 + 4 + 4 + 4

B  24 x 1

C  6 + 6 + 6 + 6

D  12 + 12

14. Choose all the number sentences that are correct.

| A  4 + 4 + 4 = 14 - 2 |
| B  3 x 2 = 2 + 3 |
| C  5 + 5 + 5 = 10 + 5 |
| D 7 + 5 = 2 + 5 + 5 |
| 4 x 4 = 2 + 2 + 2 + 2 |