Multiplication Equations

Use the diagram to write the number of groups and the number in each group.

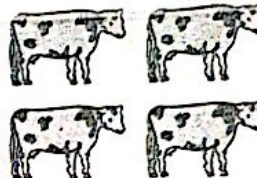**1.** 6 times as many as 10

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HINT The number of rows is the number of groups.

_____ groups with _____ in each group

2. 2 times as many as 4

_____ groups with _____ in each group

3. 6 times as many as 3

_____ groups with _____ in each group

Use the diagram to write the equation.

4. 4 times as many as 7

_____ × _____ = _____

REMEMBER Multiply the number of groups by the number in each group.

5. 3 times as many as 2

_____ × _____ = _____

Multiplication Equations

Complete each sentence.

6. $20 = 5 \times 4$ means that 20 is _____ times as many as 4.

7. $48 = 6 \times 8$ means that 48 is _____ times as many as 8.

8. $27 = 3 \times 9$ means that 27 is 3 times as many as _____.

9. $70 = 10 \times 7$ means that 70 is 7 times as much as _____.

Choose the best answer.

10. Which equation means 54 is 9 times as many as 6 and 6 times as many as 9?

    A. $54 = 6 + 9$

    B. $54 = 6 \times 9$

    C. $54 = 9 - 6$

    D. $54 = 9 \div 6$

11. Which equation means 40 is 5 times as many as 8 and 8 times as many as 5?

    A. $40 = 5 \times 8$

    B. $40 = 8 - 5$

    C. $40 = 8 \div 5$

    D. $40 = 5 + 8$

Solve.

12. A T-shirt costs $4. A sweater costs 4 times as much as the T-shirt. How much does the sweater cost?

    _____

13. A tulip is 5 inches tall. A sunflower is 7 times as tall as the tulip. How tall is the sunflower?
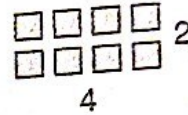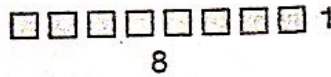
    _____

14. **COMPARE** How does 6 times as many as 5 compare with 5 times as many as 6?

    _____

    _____

    _____

15. **EXPLAIN** How would you find the price of a pen that is twice the price of a pencil that costs 11¢?

    _____

    _____

    _____

Factors & Multiples

Due Friday!

Use the arrays to find the factor pairs. Then list the factors.
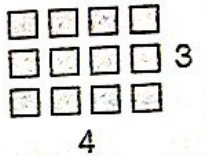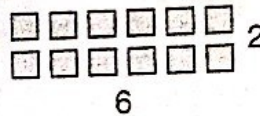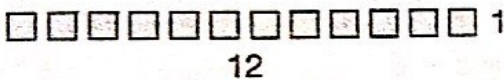
1. 8

□□□□□□□□ 1
8

□□□□ 2
□□□□
4

The factor pairs of 8 are _____ × _____ and _____ × _____.

The factors of 8 are _____, _____, _____, and _____.

2. 12

□□□□□□□□□□□□ 1
12

□□□□□□ 2
□□□□□□
6

□□□□ 3
□□□□
□□□□
4

The factor pairs of 12 are _____ × _____, _____ × _____, and _____ × _____.

The factors of 12 are _____, _____, _____, _____, _____, and _____.

Write whether each number is prime or composite.

3. 5 _____

4. 9 _____

5. 19 _____

6. 23 _____

7. 26 _____

8. 31 _____

Factors & Multiples

Fill in the missing multiples.

9. multiples of 4: 4, 8, _____, 16, 20, 24, _____, 32, _____

10. multiples of 6: 6, _____, _____, 24, 30, 36, _____, 48, _____

11. multiples of 9: _____, 18, _____, _____, 45, 54, _____, _____, 81

Choose the best answer.

12. Which is **not** a composite number?

   A. 12

   B. 18

   C. 20

   D. 29

13. Which is **not** a prime number?

   A. 14

   B. 17

   C. 19

   D. 37

Solve.

14. Carlos multiplied two numbers. The product was 40. One factor was 8. What was the other factor?

_____

15. Mia multiplied two numbers. The product was 36. Both factors were the same. What were the factors?

_____

16. SUMMARIZE How do you decide if a two-digit number is a multiple of a one-digit number?

_____

_____

_____

17. DESCRIBE What number pattern could help you remember multiples of 5?

_____

_____

_____

Name: _____

Subtraction: Mixed Review

Part 1: *Rewrite each problem vertically and solve. Check by adding.*

① $314 - 203 =$ _____

② $\$9.25 - \$2.18 =$ _____

③ $1,200 - 445 =$ _____

④ $4,000 - 1413 =$ _____

Part 2: Solve

⑤ Find the difference between 891 and 922.

⑥ Oak Street Middle school has 670 students. 319 students are girls. How many students are boys?