twice

Two times as many.

Commutative (Order) Property of Multiplication

Numbers can be multiplied in any order and the product will be the same.

Example: $3 \times 4 = 4 \times 3$
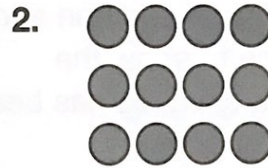
Multiplication as Repeated Addition

Complete.

1. ●●●●●
●●●●●

2 groups of ☐

$5 + \boxed{} = \boxed{}$

$2 \times \boxed{} = \boxed{}$

2. ●●●●
●●●●
●●●●

3 groups of ☐

$4 + \boxed{} + \boxed{} = \boxed{}$

$3 \times \boxed{} = \boxed{}$

3. $4 + 4 + 4 + 4 + 4 = 5 \times \boxed{}$

4. $\boxed{} + \boxed{} + \boxed{} = 3 \times 8$

5. $9 + \boxed{} + \boxed{} = \boxed{} \times 9$

6. $7 + 7 + 7 + 7 = \boxed{} \times \boxed{}$

Algebra Write $+$, $-$, or $\times$ for each ◯.

7. $5 \bigcirc 4 = 9$

8. $6 \bigcirc 2 = 12$

9. $7 \bigcirc 3 = 4$

10. $3 \bigcirc 3 = 9$

11. $8 \bigcirc 6 = 2$

12. $3 \bigcirc 3 = 6$

13. Number Sense Marlon has 4 cards, Jake has 4 cards, and Sam has 3 cards. Can you write a multiplication sentence to find how many cards they have in all? Explain.

_____

_____

14. Write a Problem Draw a picture that shows equal groups. Then write an addition sentence and a multiplication sentence for your picture.

15. Which is equal to $6 + 6 + 6 + 6$?

◯ 6×3 ◯ 3×6 ◯ 4×6 ◯ 6×5

Problem of the Day

6-2

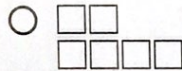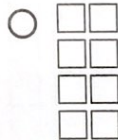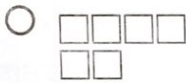Each table in the cafeteria seats 8 students. How many students can sit at 6 tables?

Name _____

Answer the questions below.

1. Casey bought the stamps shown below. Which number sentence
   shows how many stamps Casey bought?

   ○ 3 + 7 = ■   ○ 3 × 7 = ■   ○ 7 + 3 = ■   ○ 7 − 3 = ■

2. Which is an array for 4 × 2 = 8?

3. **Writing to Explain** Explain what an array is, and draw an array for 3 × 5.
   Then use a related array to show your understanding of the Commutative
   Property of Multiplication.