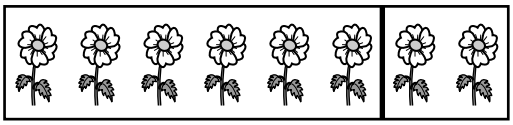
Name _____

Reteaching
2-1

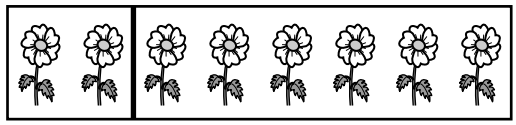
Addition Meaning and Properties

The Commutative (Order) Property

You can add numbers in any order, and the sum will be the same.



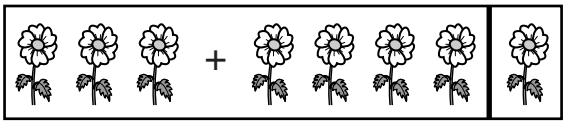
$6 + 2 = 8$



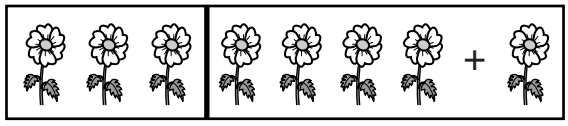
$2 + 6 = 8$

The Associative (Grouping) Property

You can group addends in any way, and the sum will be the same.



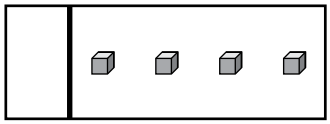
$(3 + 4) + 1 = 8$



$3 + (4 + 1) = 8$

The Identity (Zero) Property

The sum of any number and zero equals that same number.



$0 + 4 = 4$

Find each sum.

1. $3 + (2 + 4) =$ **9**

2. $(0 + 5) + 2 =$ **7**

3. $(8 + 3) + 4 =$ **15**

4. $9 + 2 + 6 =$ **17**

Write each missing number.

5. $3 + 4 = 4 +$ **3**

6. **0** $+ 7 = 7$

7. $(2 + 3) + 4 =$ **3** $+ (2 + 4)$

8. $9 + (2 + 7) = (9 + 2) +$ **7**

9. Reasoning Does $(4 + 5) + 2 = 9 + 2$? Explain.

(4 + 5) + 2 has the same sum as 9 + 2. Both equal 11.