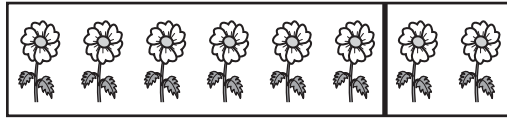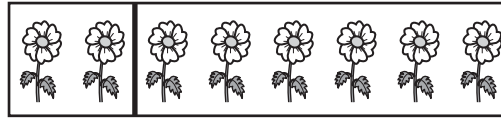# Addition Meaning and Properties

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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.
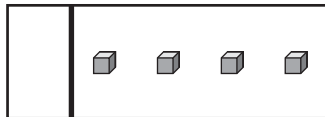

(3 + 4) + 1 = 8   3 + (4 + 1) = 8

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) = _____   **2.** (0 + 5) + 2 = _____

3. (8 + 3) + 4 = _____   **4.** 9 + 2 + 6 = _____

Write each missing number.

5. 3 + 4 = 4 + _____   **6.** _____ + 7 = 7

7. (2 + 3) + 4 = _____ + (3 + 4)   **8.** 9 + (2 + 7) = (9 + 2) + _____

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

_____

_____