Name_____ Date_____ Period_____

**LESSON 6-6 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2**

# Combine Like Units

Builds on Grade 4 · 4.NBT.B.4

| | |
|---|---|
| **TODAY'S LESSON** | You will simplify $5x + 8 + 3x$. Like terms add like units: $5x + 3x = 8x$. |
| **YOU NEED TO** | Add or subtract like units, like 5 tens + 2 tens = 7 tens. **You will use it in Practice Form A, problems 1 and 3.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

1. Check that the **units** match.
2. **Add** or subtract the numbers.
3. **Keep** the same unit.

## WATCH ME

*the steps in action*

**Find 5 tens + 2 tens.**

**Step 1** Both are tens.

**Step 2** 5 + 2 = 7.

**Step 3** 7 tens.

**Answer** **7 tens (70)**

## TRY IT WITH HELP

*fill in each step*

**1.** Find 8 inches + 3 inches.

**Step 1** Both are _____.

**Step 2** 8 + 3 = _____

**Step 3** _____ inches

**2.** Find 9 apples − 4 apples.

**Step 1** Both are _____.

**Step 2** 9 − 4 = _____

**Step 3** _____ apples

## YOUR TURN

*use the steps on your own*

**3.** Combine.

**a.** 6 tens + 3 tens _____

**b.** 7 feet − 2 feet _____

**c.** 4 hundreds + 4 hundreds _____

**d.** 10 cups − 6 cups _____

**e.** $3x + 5x$ _____

**f.** $9m - 2m$ _____

# Commutative and Associative Properties

Builds on Grade 3 · 3.OA.B.5

| | |
|---|---|
| **TODAY'S LESSON** | You will sort $4x + 12 + 3x + 5$ into $x$ terms and numbers. |
| **YOU NEED TO** | Change the order of an addition to put friendly numbers together. **You will use it in Practice Form A, problems 1 and 2.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

1. **Find** two numbers that go together.
2. **Move** them next to each other. Order does not change a sum.
3. **Add** the pair first.

## WATCH ME

*the steps in action*

**Find 7 + 6 + 3.**

**Step 1** 7 and 3 make 10.
**Step 2** 7 + 3 + 6.
**Step 3** 10 + 6 = 16.
**Answer 16**

## TRY IT WITH HELP

*fill in each step*

**4.** Find 8 + 9 + 2.

**Step 1** _____ and 2 make 10.
**Step 2** 8 + 2 + _____
**Step 3** 10 + 9 = _____

**5.** Find 25 + 14 + 75.

**Step 1** 25 and _____ make 100.
**Step 2** 25 + 75 + _____
**Step 3** 100 + 14 = _____

## YOUR TURN

*use the steps on your own*

**6.** Add. Find a pair first.

**a.** 6 + 5 + 4 = _____ **b.** 13 + 9 + 7 = _____ **c.** 30 + 18 + 70 = _____

**d.** 45 + 7 + 5 = _____ **e.** 1 + 19 + 6 = _____ **f.** 2 + 11 + 8 = _____

## READY CHECK

*a problem like the one in today's lesson*

**7.** Which shows $4x + 12 + 3x + 5$ with like parts together?

**A** $4x + 3x + 12 + 5$ **B** $4x + 12x + 3 + 5$

**C** $4 + 3 + 12x + 5x$ **D** $12 + 3x + 4 + 5x$

**CHECK YOURSELF** ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____