Name_____ Date_____ Period_____

**LESSON 3-6 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2**

# Use Multiplication and Division Facts

Builds on Grade 4 · 4.NBT.B.5

| | |
|---|---|
| **TODAY'S LESSON** | You will change 8 yards of rope to feet, then to inches: 24 × 12. |
| **YOU NEED TO** | Multiply by 12 or 16, like 4 × 12 = 48. **You will use it in Practice Form A, problems 1 and 4.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

1. **Break** 12 into 10 + 2, or 16 into 10 + 6.
2. **Multiply** the number by each part.
3. **Add** the two products.

## WATCH ME

*the steps in action*

**Find 7 × 12.**

**Step 1** 12 = 10 + 2.

**Step 2** 7 × 10 = 70 and 7 × 2 = 14.

**Step 3** 70 + 14 = 84.

**Answer** **84**

## TRY IT WITH HELP

*fill in each step*

**1.** Find 9 × 16.

**Step 1** 16 = 10 + _____.

**Step 2** 9 × 10 = _____ and 9 × 6 = _____.

**Step 3** 90 + 54 = _____.

**2.** Find 5 × 12.

**Step 1** 12 = 10 + _____.

**Step 2** 5 × 10 = _____ and 5 × 2 = _____.

**Step 3** 50 + 10 = _____.

## YOUR TURN

*use the steps on your own*

**3.** Multiply.

**a.** 4 × 12 = _____ **b.** 6 × 12 = _____ **c.** 9 × 12 = _____

**d.** 3 × 16 = _____ **e.** 5 × 16 = _____ **f.** 8 × 16 = _____

# Know Customary Unit Facts

Builds on Grade 4 · 4.MD.A.1

| | |
|---|---|
| **TODAY'S LESSON** | You will convert measures like 4 ft = ___ in with no fact given. |
| **YOU NEED TO** | Know facts like 1 ft = 12 in and 1 lb = 16 oz. **You will use it in Practice Form A, problem 1.** |

## STEPS TO FOLLOW

*use these same steps on every problem*

1. Name the **two units**.
2. Recall the **fact** that links them, like 1 ft = 12 in.
3. **Multiply** the count by the fact.

## WATCH ME

*the steps in action*

**How many inches are in 3 feet?**

**Step 1** Feet and inches.

**Step 2** 1 ft = 12 in.

**Step 3** 3 × 12 = 36.

**Answer** **36 in**

## TRY IT WITH HELP

*fill in each step*

**4.** How many ounces are in 2 pounds?

**Step 1** Pounds and _____.

**Step 2** 1 lb = _____ oz.

**Step 3** 2 × 16 = _____ oz.

**5.** How many feet are in 4 yards?

**Step 1** Yards and _____.

**Step 2** 1 yd = _____ ft.

**Step 3** 4 × 3 = _____ ft.

## YOUR TURN

*use the steps on your own*

**6.** Convert.

**a.** 2 ft = ___ in **b.** 3 yd = ___ ft **c.** 2 gal = ___ qt

**d.** 3 lb = ___ oz **e.** 5 qt = ___ pt **f.** 4 pt = ___ c

## READY CHECK

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

**7.** Which is the same as 3 pounds?

**A** 36 ounces **B** 30 ounces **C** 48 ounces **D** 19 ounces

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