Name_____ Date_____ Period_____

LESSON 3-7 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Convert Within a System

Builds on Grade 5 · 5.MD.A.1

TODAY'S LESSON	You will find how many more pounds a calf needs to reach 1 ton.
YOU NEED TO	Convert within one system, like 1 ton = 2,000 lb, so 2 tons = 4,000 lb. **You will use it in Practice Form A, problem 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the fact, like 1 km = 1,000 m.
2. Big unit to small unit: **multiply**. Small to big: divide.
3. **Write** the answer with the new unit.

WATCH ME

the steps in action

Convert 3.5 kilometers to meters.

Step 1 1 km = 1,000 m.

Step 2 Big to small, so multiply: 3.5 × 1,000 = 3,500.

Step 3 3.5 km = 3,500 m.

Answer **3,500 m**

TRY IT WITH HELP

fill in each step

1. Convert 48 ounces to pounds.

Step 1 Fact: 1 lb = _____ oz.

Step 2 Small to big, so divide: 48 ÷ 16 = _____.

Step 3 48 oz = _____ lb.

2. Convert 3 tons to pounds.

Step 1 Fact: 1 ton = _____ lb.

Step 2 Big to small, so multiply: 3 × 2,000 = _____.

Step 3 3 tons = _____ lb.

YOUR TURN

use the steps on your own

3. Convert.

a. 6 ft = ___ in

b. 450 cm = ___ m

c. 3 gal = ___ qt

d. 1,800 g = ___ kg

e. 21 ft = ___ yd

f. 0.75 L = ___ mL

Find Area of Rectangles

Builds on Grade 4 · 4.MD.A.3

TODAY'S LESSON	You will find the soil needed for a garden bed that is 6 ft by 9 ft.
YOU NEED TO	Find the area of a rectangle, like 8 ft × 5 ft = 40 ft². **You will use it in Practice Form A, problem 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **length** and the width.
2. **Multiply** length × width.
3. Write the unit as **square** units, like ft².

WATCH ME

the steps in action

A rug is 8 ft long and 5 ft wide. Find its area.

Step 1 Length 8 ft, width 5 ft.

Step 2 8 × 5 = 40.

Step 3 Area = 40 ft².

Answer **40 ft²**

TRY IT WITH HELP

fill in each step

4. A wall is 7 m long and 4 m wide. Find its area.

Step 1 Length _____ m, width _____ m.

Step 2 7 × 4 = _____.

Step 3 Area = 28 _____.

5. A card is 12 in long and 3 in wide. Find its area.

Step 1 Length _____ in, width _____ in.

Step 2 12 × 3 = _____.

Step 3 Area = 36 _____.

YOUR TURN

use the steps on your own

6. Find each area.

a. 7 ft by 5 ft: _____ **b.** 12 m by 3 m: _____ **c.** 8 in by 8 in: _____

d. 15 cm by 4 cm: _____ **e.** 10 yd by 9 yd: _____ **f.** 2.5 m by 4 m: _____

READY CHECK

a problem like the one in today's lesson

7. A rug is 5 ft by 7 ft. What is its area?

A 12 ft² **B** 24 ft² **C** 35 ft² **D** 35 ft

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