Name _____ Date _____ Period _____

LESSON 3-6 · WARM-UP

Warm-Up Practice

Converting Within One System

THE MOVE

what this page practices

Multiply or divide by the conversion number

Going to a smaller unit, multiply. Going to a bigger unit, divide. For metric steps the number is 10, 100, or 1,000.

WORKED MODEL

we do this one together

Step 1	Change 4 feet to inches. 1 foot = 12 inches.
Step 2	Inches are smaller, so multiply: 4 × 12 = _____ inches
Step 3	Change 2.5 meters to centimeters. 1 meter = 100 centimeters.
Step 4	2.5 × _____ = _____ centimeters

YOUR TURN

8 items · about 10 minutes

1. 3 feet = _____ inches
ANSWER _____

2. 5 pounds = _____ ounces
ANSWER _____

3. 24 inches = _____ feet
ANSWER _____

4. 8 quarts = _____ gallons
ANSWER _____

5. 4.2 meters = _____ centimeters
ANSWER _____

6. 3,500 grams = _____ kilograms
ANSWER _____

7. A board is 108 inches long. How many feet is that? _____ How many yards? _____
ANSWER _____

8. A recipe needs 2 gallons of water. You are filling 1-quart jars. How many jars will you fill? _____
ANSWER _____