Name _____

TOPIC 14

Reteaching

Set A pages 745–750

Convert 3 yards to inches.

1 foot (ft) = 12 inches (in.)
1 yard (yd) = 3 ft = 36 in.
1 mile (mi) = 1,760 yd = 5,280 ft

1 yard = 36 inches. To change larger units to smaller units, multiply.

$3 \times 36 = 108$

So, 3 yards = 108 inches.

Remember to multiply when changing larger units to smaller units and to divide when changing smaller units to larger units.

Convert.

1. 2 ft = ☐ in.
2. 2 mi = ☐ ft
3. 5 yd = ☐ ft
4. 54 in. = ☐ ft

Compare. Write >, <, or = for each ◯.

5. 7 yd ◯ 50 ft
6. 212 in. ◯ 2 yd

Set B pages 751–756

Convert 16 cups to pints.

2 cups = 1 pint. To change smaller units to larger units, divide.

$16 \div 2 = 8$

So, 16 cups = 8 pints.

Remember that 1 gal = 4 qt, 1 qt = 2 pt, and 1 pt = 2 cups.

Convert.

1. 32 c = ☐ gal
2. 6 pt = ☐ qt
3. 2 gal = ☐ pt
4. 6 pt = ☐ c
5. List 12 pt, 3 gal, and 16 cups in order from least to greatest.

Set C pages 757–762

Convert 6 pounds to ounces.

1 pound = 16 ounces. To change larger units to smaller units, multiply.

$6 \times 16 = 96$

So, 6 pounds = 96 ounces.

To compare customary units, convert one of the units first, so that you can compare like units.

Remember that there are 16 ounces in one pound, and there are 2,000 pounds in one ton.

Convert.

1. 2 lb = ☐ oz
2. 48 oz = ☐ lb
3. 4,000 lb = ☐ T
4. 6 T = ☐ lb

Compare. Write >, <, or = for each ◯.

5. 7 lb ◯ 70 oz
6. 6,000 oz ◯ 3 T
7. How many ounces are equivalent to one fourth of one ton?

Set D pages 763–768

Convert 2 meters to centimeters.

1 km = 1,000 m 1 m = 100 cm
1 m = 1,000 mm 1 cm = 10 mm

1 meter = 100 centimeters. To change larger units to smaller units, multiply.

$2 \times 100 = 200$

So, 2 meters = 200 centimeters.

Remember to convert to the same unit of measure before comparing two lengths.

Convert.

1. 5 m = ☐ cm
2. 2 km = ☐ m
3. 2 km = ☐ cm
4. 20 m = ☐ mm
5. 10 cm = ☐ mm
6. 2,000 mm = ☐ m
7. 9,000 m = ☐ km
8. 7,000 cm = ☐ m

Set E pages 769–774

Convert 6,000 milliliters to liters.

1,000 milliliters = 1 liter. To change smaller units to larger units, divide.

$6{,}000 \div 1{,}000 = 6$

So, 6,000 milliliters = 6 liters.

Remember that the most commonly used metric units of capacity are the liter and milliliter.

Convert.

1. 6 L = ☐ mL
2. 15 L = ☐ mL
3. 2,000 mL = ☐ L
4. 9,000 mL = ☐ L

Set F pages 775–780

Convert 6 kilograms (kg) to grams (g).

1 kilogram = 1,000 grams. To change larger units to smaller units, multiply.

$6 \times 1{,}000 = 6{,}000$

So, 6 kg = 6,000 g.

Remember that to compare metric units, convert one of the units first, so that you can compare like units.

Convert.

1. 30 kg = ☐ g
2. 3,000 mg = ☐ g
3. 5,000 g = ☐ kg
4. 17 g = ☐ mg

Set G pages 781–786

In a contest, Lina jumped 3 yards and Ed jumped 8 feet. Who jumped farther?

Identify the hidden question or questions.
How many feet are in 3 yards?

1 yd = 3 ft, so 3 yd = 9 ft.

Compare the two distances.
Lina jumped 9 feet, Ed jumped 8 feet. So, Lina jumped farther.

Remember to check if the units in the problem are the same.

1. Max wants to put a fence around his triangular garden. If each side is 6 yards, how many feet of fencing does Max need?