**Unit 2 Measurement Practice**

**US and Metric Conversions**

1. 6 feet = \_\_\_\_\_\_\_\_\_\_\_ inches (1 ft = 12 in)

2. 64 oz = \_\_\_\_\_\_\_\_\_\_\_\_ lbs (16 oz = 1 lb)

3. 54 fl oz = \_\_\_\_\_\_\_\_\_\_ cups (8 fl oz = 1 cup)

4. 3 miles = \_\_\_\_\_\_\_\_\_\_ ft (1 mile = 5,280 ft)

5. A fence measures 30 feet. How many yards long is the fence? (3 ft = 1 yd)

6. Colt is making lemonade for his baseball team. He made 4 gallons. How many cups of lemonade does he have? (1 gal = 16 cups)

7. The average Asian elephant weighs about 3 tons. How many pounds is this? (1 ton = 2000 lbs)

**Use the following information to answer questions 8 and 9.**

*Mrs. Carroll picked 16 pints of blueberries for her famous blueberry cobbler*.

8. How many quarts of blueberries does she have?

 (1 qt = 2 pts)

9. She needs 34 cups of blueberries for her famous cobbler. Does she have enough? Why or why not? (2 cups = 1 pint)

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. 70 m = \_\_\_\_\_\_\_\_\_\_\_cm (1 m = 100 cm)

11. 5000 g = \_\_\_\_\_\_\_\_\_\_kg (1 kg = 1000 g)

12. 4 L = \_\_\_\_\_\_\_\_\_\_\_\_ mL (1 L = 1000 mL)

13. Your shadow is 950 millimeters long. How many centimeters is this? (1 cm = 10 mm)

14. Layla’s dog weighs 25,700 grams. How many kilograms does the dog weigh? (1 kg = 1,000 g)



**Unit 2 Measurement Practice – KEY**

**US and Metric Conversions**

*6.RP.3d (#1-20)*

1. 6 feet = \_**6 x 12 = 72**  inches

2. 64 oz = \_**64 x 16 = 4**  \_ lbs

3. 54 fl oz = **54 ÷ 8 = 6.75** cups

4. 3 miles = **3 x 5280 = 15840**  ft

5. A fence measures 30 feet. How many yards long is the fence?

**30 ÷3 = 10 yards**

6. Colt is making lemonade for his baseball team. He made 4 gallons. How many cups of lemonade does he have?

**4 x 16 = 64 cups**

7. The average Asian elephant weighs about 3 tons. How many pounds is this?

**3 x 2000 = 6000 pounds**

**Use the following information to answer questions 8 and 9.**

*Mrs. Smith picked 16 pints of blueberries for her famous blueberry cobbler*.

8. How many quarts of blueberries does she have?

**16 ÷ 2 = 8 quarts**

9. She needs 34 cups of blueberries for her famous cobbler. Does she have enough? Why or why not? \_**16 x 2 = 32 cups. She does NOT have enough for her famous recipe.**

10. 70 m = **70 x 100 = 7,000** cm

11. 5000 g = **5000 ÷ 1000 = 5** kg

12. 4 L = **4 x 1000 = 4,000**  mL

13. Your shadow is 950 millimeters long. How many centimeters is this?

**950 ÷ 10 = 95 centimeters**

14. Layla’s dog weighs 25,700 grams. How many kilograms does the dog weigh?

**25,700 ÷ 1000 = 25.7 kilograms**



