Name ______________________________________ Date ________________________________

Grade 6

1 inch = 2.54 centimeters 1 kilometer = 0.62 mile 1 cup = 8 fluid ounces
1 meter = 39.37 inches 1 pound = 16 ounces 1 pint = 2 cups
1 mile = 5280 feet 1 pound = 0.454 kilograms 1 quart = 2 pints
1 mile = 1760 yards 1 kilogram = 2.2 pounds 1 gallon = 4 quarts
1 mile = 1.609 kilometers 1 ton = 2000 pounds 1 gallon = 3.785 liters
1 liter = 0.264 gallons 1 liter = 1000 cubic centimeters

Find the missing value by using a proportion. Round to the nearest hundredth if necessary.

1) 4 miles =_______________ yards

Proportion:

Equation:

Solution:

2) ____________ liters = 14 gallons

Proportion:

Equation:

Solution:

3) 22 ounces =_______________ pounds

Proportion:

Equation:

Solution:

4) ____________ pounds = 14 kilograms

Proportion:

Equation:

Solution:
5) 12 cups = ___________ fluid ounces
   Proportion: 
   Equation: 
   Solution: 

6) _______ gallons = 15 quarts
   Proportion: 
   Equation: 
   Solution: 

7) 5,672 pounds = ___________ tons
   Proportion: 
   Equation: 
   Solution: 

8) ___________ liters = 5 gallons
   Proportion: 
   Equation: 
   Solution: 

9) 22 inches = ___________ cm
   Proportion: 
   Equation: 
   Solution: 

10) ___________ meters = 125 in
    Proportion: 
    Equation: 
    Solution: