

Name: _____ Section: _____

Unit Conversions Using Proportions Practice

Convert the following units by setting up and solving a proportion. The worksheet is to practice setting up proportions correctly, so the proportion **MUST** be written to receive credit. Calculators **ARE** allowed on this worksheet. Round answers to the nearest tenth, if necessary.

1) Convert 632 inches into feet.

2) Convert 26.4 meters into millimeters.

3) Convert 12.7 yards into inches.

4) Convert 1,343 hours into days.

5) Convert 3.72 cups into fluid ounces, given that 1 cup is equal to 8 fluid ounces.

6) Convert 9,532 seconds into hours.

7) Convert 3,621.3 feet into miles,
given that 1 mile is equal to 5,280
feet.

8) Convert 63 centimeters to inches,
given that 1 inch is approximately
equal to 2.54 centimeters.

9) Convert 34.5 years to hours.

10) Convert 38 tablespoons to
teaspoons, given that 1
tablespoon is equal to 3
teaspoons.