

Name: _____

Date: _____

Unit Conversion Worksheet

Conversions

1 hour = 3600 seconds

1 meter = 3.28 feet

1 kg = 2.2 lbs

1 m/s = 2.2 miles/hour

1 mile = 5280 feet

1 km = 0.62 miles

1 lb = 0.45 kg

1 foot = 12 inches

1 yard = 3 feet

1 light second = 300,000,000 meters

1 quart = 0.946 liters

1 inch = 2.54 cm = 25.4 mm

Convert the following quantities. Show your work and be sure to include the units.

565,900 seconds into days

17 years into minutes

43 miles into feet

165 pounds into kilograms

100 yards into meters

2678 cm into feet

60 miles per hour into meters per second

130 meters per second into miles per hour

721 lbs per week into kg per second

186,282 miles per second into meters per second

546 meters into kilometers and millimeters

6.93 kilograms into grams