

Name: _____

Period 2 3 4 6

Date: _____

Unit Conversion Worksheet

Conversions

1 hour = 3600 seconds

1 mile = 5280 feet

1 yard = 3 feet

1 meter = 3.28 feet

1 km = 0.62 miles

1 light second = 300,000,000 meters

1 kg = 2.2 lbs

1 lb = 0.45 kg

1 quart = 0.946 liters

1 m/s = 2.2 miles/hour

1 foot = 12 inches

1 inch = 2.54 cm = 25.4 mm

Convert the following quantities.

1. 60 miles per hour into meters per second
2. 130 meters per second into miles per hour
3. 1100 feet per second into miles per hour
4. 53 yards per hour into inches per week
5. 721 lbs per week into kg per second
6. 88 inches per second into miles per day
7. 27 miles per gallon into kilometers per liter

186,282 miles per second into meters per second