

# Unit Conversion Worksheet

## Conversions:

1 meter = 3.28 feet

1 kg = 2.2 lbs

1 km = 0.62 miles

1 quart = 0.946 liters

1 light second = 300,000,000 meters

1 inch = 2.54 cm

**Warm up with the following quantities.**

482,345 seconds into days

12 years into minutes

25 miles into feet

142 pounds into kilograms

75 yards into meters

34,845 inches into miles

3500 cm into feet

**Convert the following Rates.**

65 miles per hour into meters per second

150 meters per second into miles per hour

1200 feet per second into miles per hour

80 yards per hour into inches per week

900 lbs per week into kg per second

94 inches per second into miles per day

15,800 gallons per month into liters per hour

32 miles per gallon into kilometers per liter

180,500 miles per second into meters per second