

Name: _____

Practice- Conversions

Metric Conversions:

Using **K H D** **(b)** **d c m**, answer the following questions:

1.) 185 km = _____ cm

2.) 6,000,000 mm = _____ m

3.) 17 kg = _____ g

4.) 0.00000089 kg = _____ mg

5.) 7000 mm = _____ km

6.) 4,500 cm = _____ mm

7.) 0.02 km = _____ m

8.) 1000 m = _____ km

9.) 150 cm = _____ m

10.) 1.5 L = _____ mL

Non-metric Conversions:

Using the given conversion factors, answer the following questions:

$$1 \text{ mile} = 1.609 \text{ km}$$

$$1 \text{ lbs} = 453.6 \text{ g}$$

$$1 \text{ m} = 3.28 \text{ ft}$$

$$1 \text{ in} = 2.54 \text{ cm}$$

$$1000 \text{ m} = 1 \text{ km}$$

11.) Convert 37 miles to km

12.) Convert 100,800 grams to lbs

13.) Convert 45.87 feet to meters

14.) Convert 12 inches to cm

15.) Convert 3 miles to km

16.) Convert 35 miles/hour to m/s

17.) Convert 45 miles/hour to m/s

18.) Convert 80 miles/hour to m/s

19.) Convert 37 m/s to miles/hour

20.) Convert 11.2 m/s to miles/hour