

Name: _____

Dimensional Analysis Practice #2

1 mile = 5280 feet

1 kg = 2.2 lb

1 inch = 2.54 cm

1 mile = 1.61 km

1 yard = 3 feet

1) .56 kg = ? mg

1) _____

2) 2.0 inches = ? mm

2) _____

3) 500 feet = ? m

3) _____

4) 3.5 weeks = ? min

4) _____

5) 4.71 yards = ? inches

5) _____

6) 5,400 inches = ? miles

6) _____

7) 16 weeks = ? seconds

7) _____

8) 54 yards = ? mm

8) _____

9) 36 cm/s = ? miles/hour

9) _____

10) 1.09 g/mL = ? kg/L

10) _____

11) 1.9 day = ? min

11) _____

12) 27 feet = ? m

12) _____

13) 4.2×10^3 feet = ? cm

13) _____

14) 12 inches = ? miles

14) _____

15) 3.0×10^8 m/s = ? miles/hr

15) _____