

Metric Conversion Worksheet
Problem set #3

UNIT CONVERSION WORKSHEET

1. How many centimeters are in 32 inches?

2. The dimensions of your living room are 13ft. by 16 ft. How many **square yards** of carpet do you need to buy?

3. How many grams are in 17 lbs.?

4. 85 °F equals how many °C?

5. The density of lead is 11.4 g/cc. How much will 42cc of lead weigh? ('cc' = cubic centimetres)

6. The speed of light is 3.00×10^8 m/sec. Convert that to ft./sec.

7. 2 tablespoons equals how many liters?

8. Given the information in question six, how many kilometers will light travel in one year (a light year)?

9. How many meters tall are you?

10. How many minutes are there in a 40 hour week?

extra credit

How many **millimeters** tall are you? (Put your answer in scientific notation.)