

- 16) What did the wool blanket/metal and the black cylinder/soup can teach you?
- 17) Convert 435 centimeters to meters.
- 18) Convert 15 μm (micrometers) to centimeters.
- 19) Convert 4,500 meters to kilometers.
- 20) (*Remembering that the standard units for speed is m/s.*) An object moves 154 cm in 4 seconds. Calculate its speed.

Using the notes on conversions.

- 21) Using the equalities at the right, write two conversion factors for feet and miles.

3.3 ft = 1 m
5280 ft = 1 mi
12 in = 1 ft
I assume you know about
seconds, mins, etc

- 22) What's wrong with this conversion? $\frac{16 \text{ m}}{1 \text{ sec}} \left(\frac{1 \text{ m}}{3.3 \text{ ft}} \right) =$

- 23) Given 3 m/sec, convert to meters per minute. (*You MUST show the steps from the notes.*)

- 24) Try this one: Convert 20 days to minutes.