Name: _____ Section: _____

More Conversion Practice Problems

1) What would be the resulting unit(s) if all of the diagonal units were canceled out?

$$\frac{km}{m} \times \frac{in}{ft} \times \frac{mi}{h} \times \frac{ft}{mi} \times \frac{m}{cm} \times \frac{cm}{in} =$$

2) How many seconds are in two weeks?

3) Convert 75 centimeters to inches *(2.54 cm = 1 in.)*

4) 2,300 grams is equivalent to how many pounds? *(454 g = 1 lb.)*

5) How many centimeters are in 5 feet, 10 inches?
(12 in. = 1 foot) *(1 in. = 2.54 cm)*

6) Jules Verne wrote a book called Twenty Thousand Leagues Under the Sea. Convert 20,000 leagues to fathoms.

12 inches = 1 foot
3 feet = 1 yard
1 fathom = 2 yards
1 statute mile = 5,280 feet
1 nautical mile = 6,080 feet
1 league = 3 nautical miles

7) Given the following equivalents, make the following conversion

1 fizzle = ? frizzles

4 swizzles = 5 twizzles
1 fizzle = 3 drizzles
3 twizzles = 18 sizzles
1 swizzle = 20 frizzles
10 drizzles = 4 sizzles

8) If a traffic sign in Canada states that the speed is 100 kilometers per hour (100 km/hr), what is the maximum speed you could drive your American made car in miles per hour (mi/hr)?

(1.61 km = 1 mile)