**Physical Science**          **Name:** _____ **Block:** __
**English/Metric Conversions Review Worksheet**

1. 300 inches =_____m

7. 1 liter = _____pint

2. 112 km = _____miles

8. 1200 seconds =_____minutes

3. 120 mm = _____feet

9. 12,000 seconds =_____ hours

4. 120 ml=_____ fluid ounces

10. 0.005 hours=_____seconds

5. 8 (fluid) ounces=_____liters

11. 1.5 liters =_____ (fluid) oz

6. 6 tbsp = _____ ml

12. 12,500 cm = _____feet

Level 1 Problems:

1. $25{,}000 \text{ in}^2 = $_____$\text{ft}^2$

2. $18{,}000$ square feet = _____ square meters

3. $2 \text{ in}^3 = $ _____ $\text{cm}^3$

4. $45$ kilometers/hour = _____ miles/hour

5. $212$ miles/hour = _____ kilometers/hour

6. $320 \text{ K} = $ __ $^\circ\text{F}$

7. A Dream House bathtub is rectangular, 6 feet long, 3 feet wide, and 2½ feet deep.

    a. How many cubic feet of water can it hold?

    b. How many cubic meters of water can it hold?

    c. Remembering that a liter is a cubic decimeter, how many liters can it hold?

    d. How many gallons can it hold?

8. Colin is making his famous 5-alarm chili, and he needs to serve 22 people. His normal recipe serves 6 people and requires 13 ounces of pinto beans. How many ounces of pinto beans will he need for 22 people? Hint: set this up as a conversion problem!