

**Physics Homework**

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_



# Show PAWS



1) What SI unit and prefix would best be used to measure each of the following?

- a. Mass of you dad's Mercedes \_\_\_\_\_
- b. Length of the football field \_\_\_\_\_
- c. Distance from School to PX \_\_\_\_\_
- d. Mass of a cupcake \_\_\_\_\_
- e. Width of a human hair \_\_\_\_\_

Convert each unit

2) 3.4dm to m

3) 45.8mg to kg

4) 23.4km/hr to m/s

5) The formula for density is  $D = m/V$ . Find the density of a metal block with dimensions of 2.0cm x 3.0cm x 6.0cm and a mass of 56g.