Name:_____ Period:_____ Date:_____
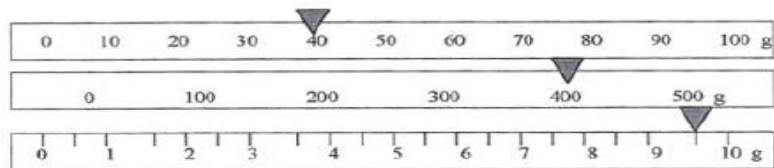Measurement Worksheet   Science 8

Part A) Measure the darker lines to the nearest tenth of a cm:

1) _____   _____
2) _____   _____
3) _____   _____

Part B) Each of the lines represents one of the three dimensions of a rectangular pure substance. Calculate the volume in cm^3 of this sample using the three dimensions from part 1. Round to the nearest tenth. Show all work including the formula.

Record your volume here:_____

Part C: Read the Triple Beam Balance below to determine the mass of the sample:

0	10	20	30	40	50	60	70	80	90	100 g

0	100	200	300	400	500 g

0	1	2	3	4	5	6	7	8	9	10 g

Record the mass here: _____

Part D: Now use your calculated volume from Part B and your mass from Part C to calculate the density of the object. Round to the nearest tenth. Show all work including the formula and units.