Name:

Date:

Density Review

LO: Calculate density

SLE: Meet NGSS

1. A block of metal has a mass of 100g and a volume of 250cm3. What is its density?
2. Copper has a density of 8.96 g/cm3. If you have 10cm3 of copper, what will its mass be?
3. If a liquid has a mass of 300g and a volume of 500ml, will it float on the surface of a container of water?
4. A solid has a mass of 100g and a density of 4g/cm3. What is its volume?
5. A block of wood is 2cm high, 5 cm long and 3cm wide. Its mass is 20g. What is its density?
6. If a marble has a volume of 40ml and a density of 3g/ml, what is its mass?