Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Density Graph

Examine the following graph and answer the questions that follow. (3 marks)



1. What is the most dense substance on the graph? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the least dense substance on the graph? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Would aluminum sink or float in gasoline? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Make up your own density question from the graph AND answer it.

(2 marks)

1. Calculate the density of an iron nail with a volume of 10 cm3 and a mass of 80 g. Use the 5 steps! (5 marks)