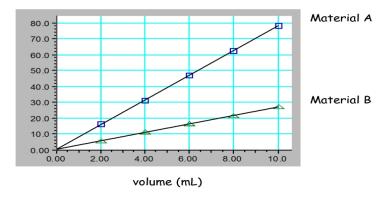
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## Density of Materials Practice Worksheet Modified from Modeling Method of Instruction

Given this graph of experimental mass vs. volume data, answer questions 1-4.



- 1. In 1 mL of volume, how much mass does material A have?
- 2. In 1 mL of volume, how much mass does material B have?
- 3. Which of the materials is more dense? Explain your answer.
- 4. How are slope of the line and density of the material related?