

Physical Science Warm Up - 11/20/15

Read the passage and choose the best answer. [http://www.actstudent.org/sampletest/science/sci\\_06.html](http://www.actstudent.org/sampletest/science/sci_06.html) Explain!

Table 1 and Figure 1 best support which of the following hypotheses about the temperature and volume of Material A ?

(Note: Pressure is assumed to stay constant.)

- F. If liquid Material A is in contact with gaseous Material A and the volume of the gas increases, the gas's temperature will increase.
- G. If liquid Material A is in contact with gaseous Material A and the volume of the gas increases, the gas's temperature will decrease.
- H. When the temperature of gaseous Material A increases, its volume will increase.
- J. When the temperature of liquid Material A increases, its volume will increase.