

Name \_\_\_\_\_

Date \_\_\_\_\_



## What's the Matter with My Jell-O? Proficiency Assessment



Directions: Extended multiple choice.

1-2) Which is the smaller amount of liquid?

- a) 250 milliliters of water
- b) a two liter bottle of soda
- c) a gallon of milk
- d) five quarts of orange juice

Explain \_\_\_\_\_

\_\_\_\_\_

3-4) In our experiment, the salt treatment

- a) phase changed to solid just like the control Jell-O
- b) took longer to phase change
- c) did not phase change at all
- d) none of the above

Explain \_\_\_\_\_

\_\_\_\_\_

5-6) Elizabeth is playing in the snow with her friends when a salt truck comes by to treat the roadway. A few minutes later the snow on the road begins to turn to water. Explain below what has happened. Use the words *phase change* and *freezing point* in your response.

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