

## Extension Worksheet 1

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1. Explain each of the following concepts.

- a. Trajectory: \_\_\_\_\_  
\_\_\_\_\_
- b. Displacement: \_\_\_\_\_  
\_\_\_\_\_
- c. Distance traveled: \_\_\_\_\_  
\_\_\_\_\_
- d. Speed: \_\_\_\_\_  
\_\_\_\_\_
- e. Velocity: \_\_\_\_\_  
\_\_\_\_\_

2. Daniela has two hours to travel 120 kilometers from her home to her grandmother's home. At what speed should she travel?

