

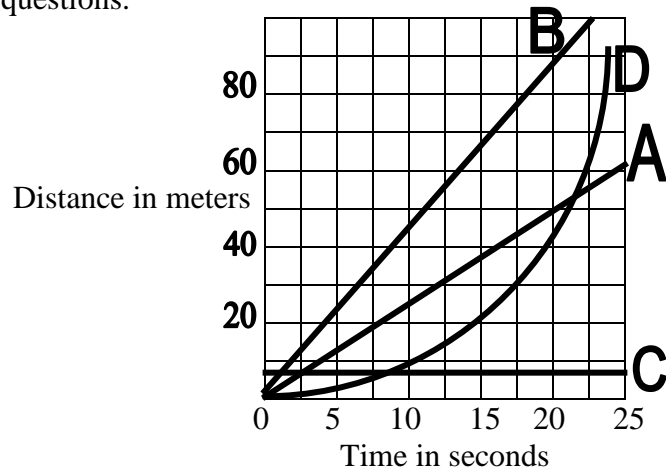
Skill Practice 5

Motion Graphs Practice

Name: _____

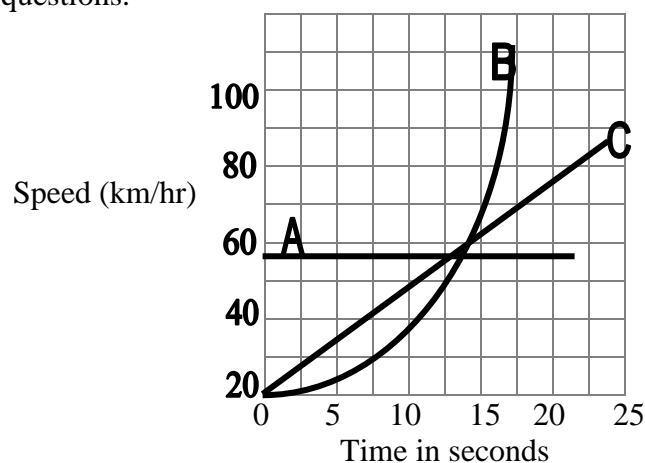
Date: _____

1. The graph below shows four different cars—A, B, C, and D. Use the graph to answer the following questions.



- a) Which car—A, B, C, or D—has an average speed of about 5 m/s during the first 5 seconds?
- b) Which car is not moving?
- c) Which car is accelerating?
- d) Which moving car is slowest?
2. Again, consider the graph in question 1. Which car is moving the fastest when the time is 5 seconds? Which car is moving the fastest when the time is 22.5 seconds?

3. The graph below shows three different cars—A, B, and C. Use the graph to answer the following questions.



- a) Is there a car not moving? If so, which one?
- b) Which car(s) has constant speed?
- c) Which car travels the farthest after 17 seconds?
- d) Is there a car that is slowing down?

