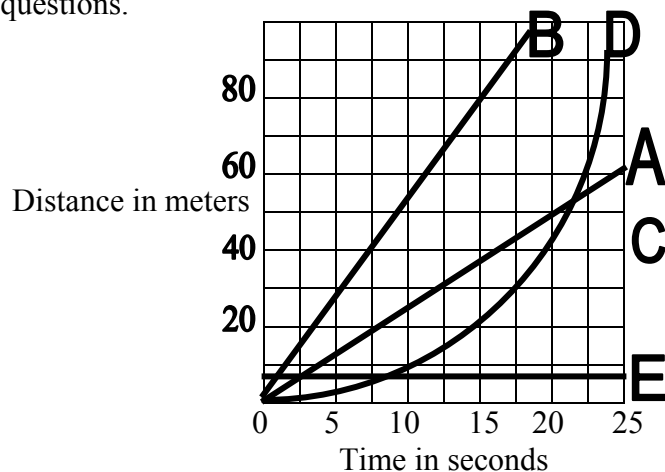


Motion Graphs Practice

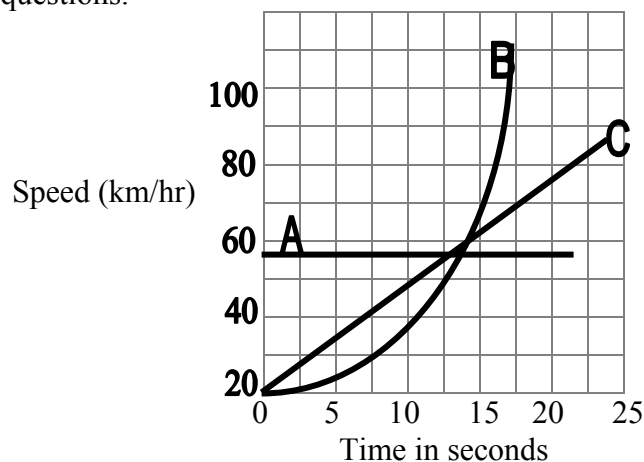
Date: _____

Hour: _____

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



- a) Which car—A, B, C, or D—is traveling a little faster than 5 m/s during the first 5 seconds?
- b) Which car is not moving?
- c) Which car is accelerating?
- d) Which is the fastest car?
2. 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 has constant acceleration?
- c) Which car has the greatest acceleration in the first 10 seconds?
- d) Calculate the acceleration of Car C?