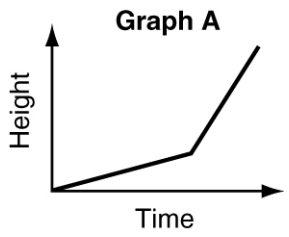
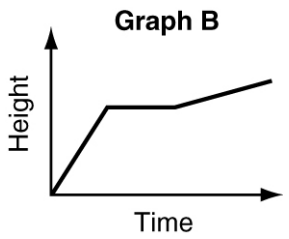
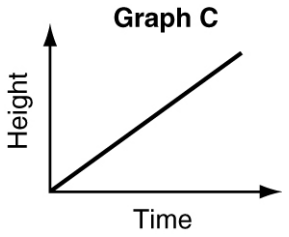
Name _____ Date _____ Class _____

WORKSHEET 4.1

Choose the graph that best represents each situation.





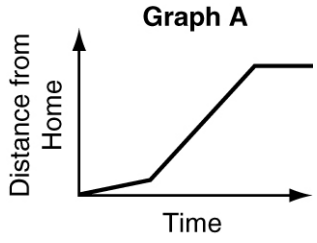


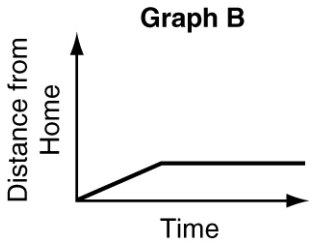
1. A tomato plant grows taller at a steady pace. _____

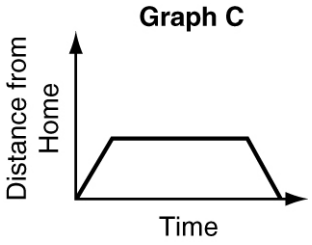
2. A tomato plant grows quickly at first, remains a constant height during a dry spell, then grows at a steady pace. _____

3. A tomato plant grows at a slow pace, then grows rapidly with more sun and water. _____

Choose the graph that best represents each situation.





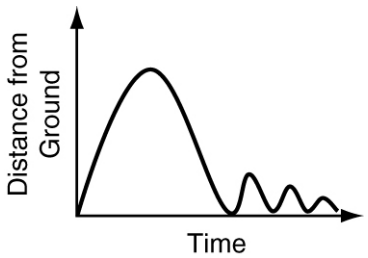


4. A person leaves home, drives through town, then on the highway, and finally stops at a rest area. _____

5. A person leaves home, drives to the other end of town and buys groceries, then returns home. _____

6. A person walks to a friend's house where she stays overnight. _____

Write a possible situation for the graph.

7. 

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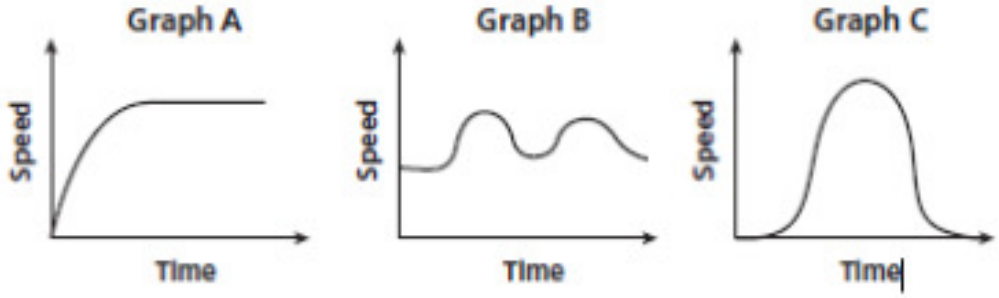
Name _____ Date_____ Class _____

9. Choose the graph that best represents each situation.

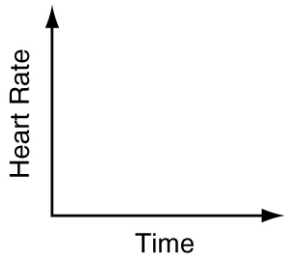


a. A person that alternates between running and walking.

b. A person gradually speeds up to a constant running pace.

c. A person walks, gradually speeds up to a run, and then slows back down to a walk.

7.Franco's heart rate increases steadily as he does some warm-up exercises. He then maintains a steady heart rate for several minutes as he jogs. Finally, his heart rate slows down to normal with his cool-down walk. Sketch a graph to show Franco's heart rate over time as he exercises. Tell whether the graph is continuous or discrete.



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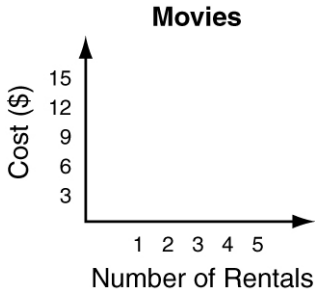
8. Lora has $15 to spend on movie rentals for the week. Each rental costs $3. Sketch a graph to show how much money she might spend on movies in a week. Tell whether the graph is continuous or discrete.



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