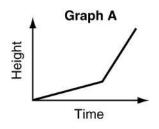
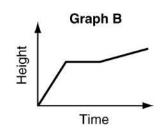
LESSON 8-1

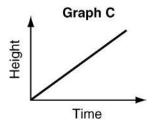
Practice B

Graphing Relationships

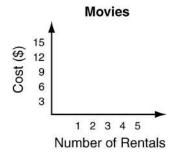
Choose the graph that best represents each situation.



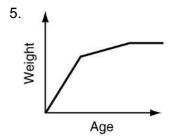


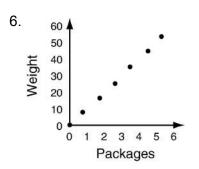


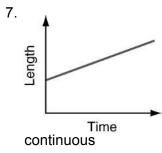
- 1. A tomato plant grows taller at a steady pace.
- 2. A tomato plant grows quickly at first, remains a constant height during a dry spell, then grows at a steady pace.
- 3. A tomato plant grows at a slow pace, then grows rapidly with more sun and water.
- Lora has \$15 to spend on movie rentals for 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.



Write a possible situation for each graph.





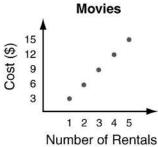


8. Possible answer: A subway train has up to 6 cars. Each car can hold 40 passengers.

Practice B

- 1. Graph C
- 2. Graph B
- 3. Graph A

4.



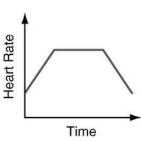
discrete

- Possible answer: A kitten gains weight quickly after birth, then more slowly, until it reaches its maximum weight.
- Possible answer: Each package weighs 10 pounds. The box can hold up to 60 pounds.

Practice C

- 1. Graph A
- 2. Graph C
- 3. Graph B

4.

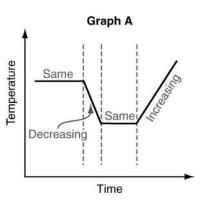


continuous

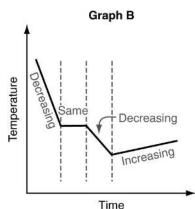
- 5. Possible answer: An object is thrown up in the air; drops to the ground, and bounces 3 times.
- 6. Possible answer: With each additional person in the group, the cost per person for a group trip drops.

Review for Mastery

1.



2.



3. Graph B

4.

