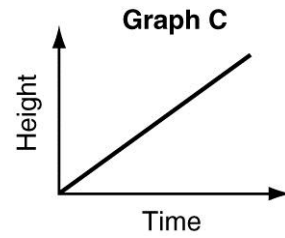
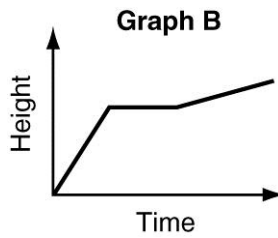
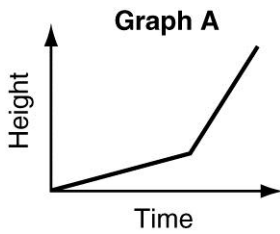
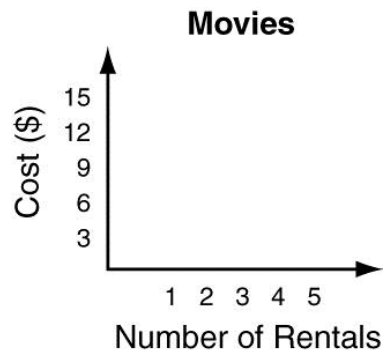


Graphing Relationships

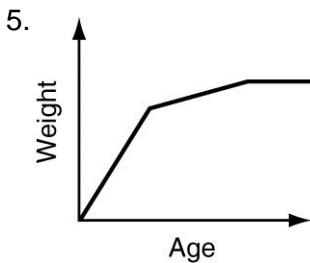
Choose the graph that best represents each situation.

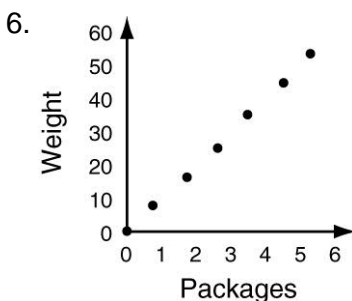


1. A tomato plant grows taller at a steady pace. _____
2. A tomato plant grows quickly at first, remains a constant height during a dry spell, then grows at a steady pace. _____
3. A tomato plant grows at a slow pace, then grows rapidly with more sun and water. _____
4. Lora has \$15 to spend on movie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

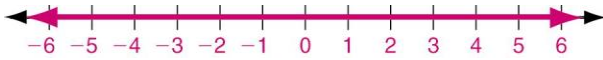


Write a possible situation for each graph.





6. all real numbers



Problem Solving

1. $|x - 2| \leq 0.05$; $1.95 \leq x \leq 2.05$

2. $|x - 134| \leq 8$; $126 \leq x \leq 142$

3. $|x - 50| > 11$

4. $|x - 15.3| \leq 0.4$

5. B

6. G

7. A

Reading Strategies

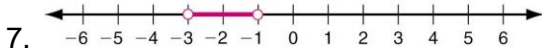
1. 5

2. 1 and 9



4. -1

5. -3 and 1



LESSON 4-1

Practice A

1. falling
same

2. staying the

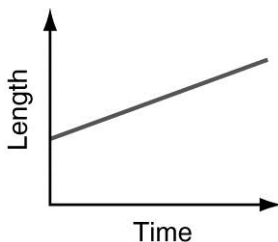
3. rising

4. Graph B

5. Graph C

6. Graph A

7.



continuous

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

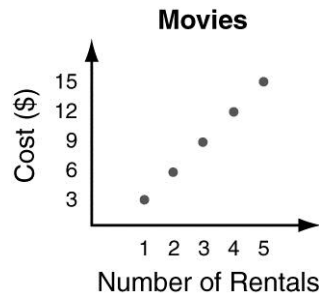
Practice B

1. Graph C

2. Graph B

3. Graph A

4.



discrete

5. Possible answer: A kitten gains weight quickly after birth, then more slowly, until it reaches its maximum weight.

6. Possible answer: Each package weighs 10 pounds. The box can hold up to 60 pounds.

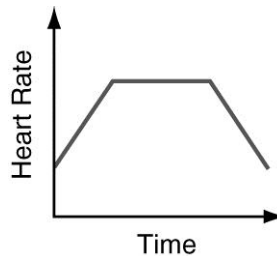
Practice C

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.