$\qquad$ Date $\qquad$ Class $\qquad$

## lesson Practice B

## 8-1 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

## Movies

 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.

$\qquad$
$\qquad$
$\qquad$
$\qquad$

6.

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.

## Review for Mastery

1. 


2.

3. Graph B
4.

Heart Rate

continuous

