

# 9 Interpreting Graphs and Distance - Speed - Time Graphs

EVALUATED



Skill Builder

- 1** Given the scenario below, decide whether the graph would be continuous or discrete.

Maria is creating a graph that compares the cost per room at a hotel.

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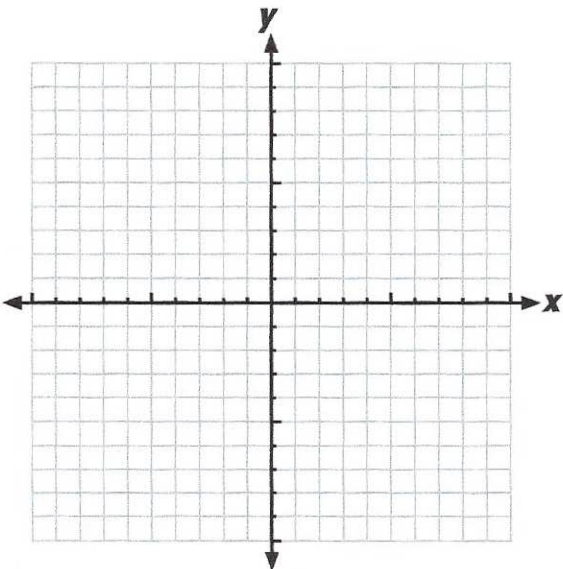
- 2** Given the scenario below, decide whether the graph would be continuous or discrete.

Caleb has been keeping track of the weekly balance of his checking account.

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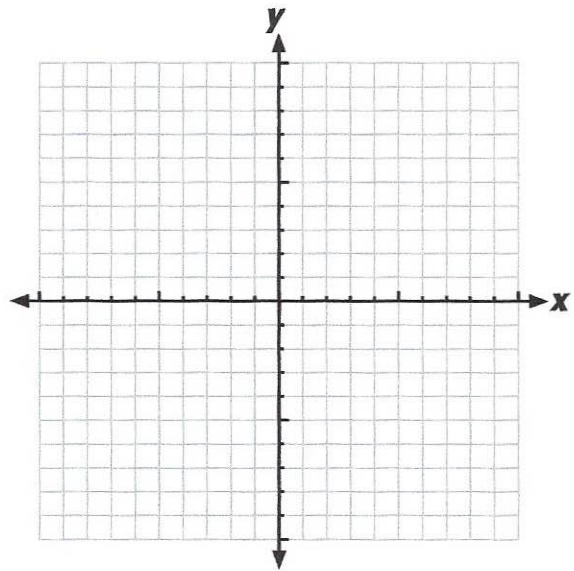
- 3** Create a graph that will represent the data and decide if the data is discrete or continuous.

Words typed on Computer	
Minutes	Words
1	30
2	62
3	96
4	96
5	130
6	164



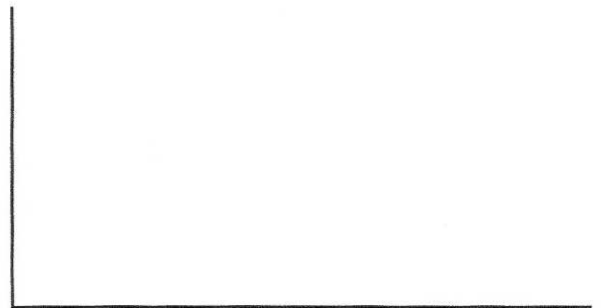
- 4** Create a graph that will represent the data and decide if the data is discrete or continuous.

Buy 2 Get 1 Free Sale								
# of shirts	1	2	3	4	5	6	7	8
Price (\$)	12	24	24	36	48	48	60	72



- 5** Draw a graph that represents the story below.

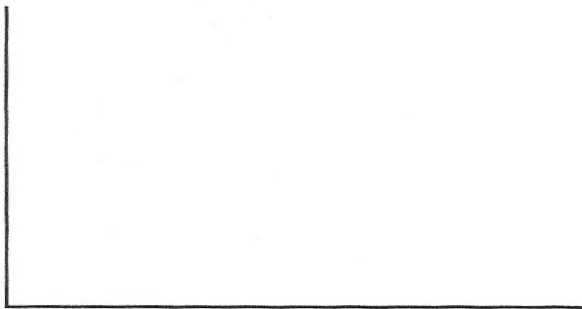
David is pouring a bath for his son. He fills the tub with water. Then his son sits in the bath for a length of time. When he is finished, he releases the knob so that water can slowly go down the drain.



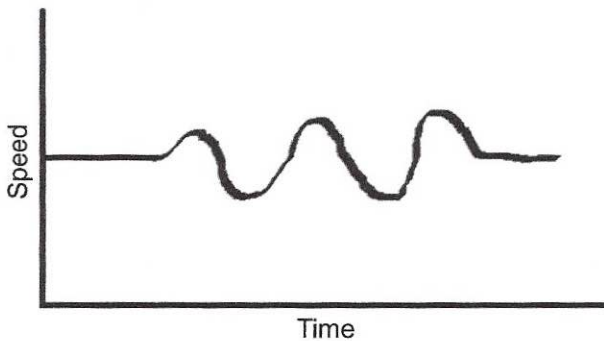
# Skill Builder

**6** Draw a graph that represents the story.

Hannah is swinging. She starts out going slowly and only changing her height by a few feet. Over the next few minutes she gradually starts swinging higher and higher. Then she jumps off the swing and lands on the ground.



**7** Describe a scenario that could be used to create the graph below.




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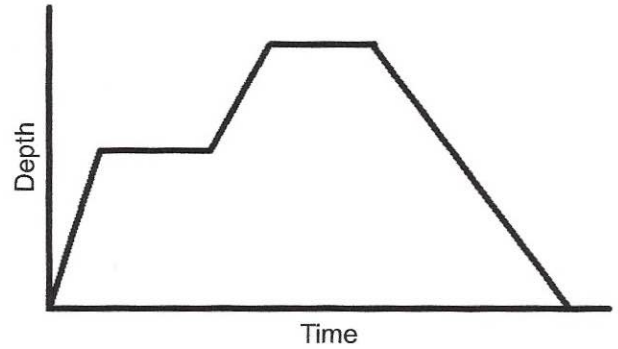


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**8** Describe a scenario that could be used to create the graph below.




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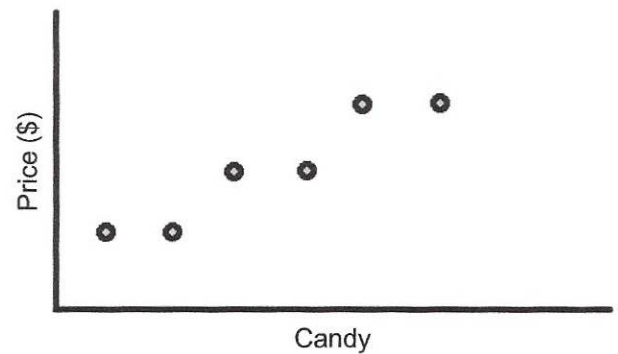


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**9** Describe a scenario that could be used to create the graph below.




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