Name	Period	Wednesday, March 9, 2016

Stem and Leaf Plots

1. What is the difference between the highest temperature and the lowest temperature on the stem and leaf plot?

Daily Low Temperatures (°F)								
Stem	Leaves							
2 3 4 5	8	9						
3	0	0	1	2	6			
4	2	4	5	6	6	6	7	9
5	1	3	5					
2 8 represents 28.								

2. How many days was the temperature greater than 32 degrees but less than 47 degrees?

Wesley counts the votes for each candidate during a student council election. He makes a stem and leaf plot of the data. Use the information to answer questions 3-6.

Number of Votes							
41	30	47	44	50			
43	32	52	60	64			
45	53	44	34	35			

3. Make a stem and leaf plot from the data.

Which statement about the

- 4. stem-and-leaf plot is true?
 - A There will be more stems than leaves.
 - **B** The stem 6 will have only 1 leaf.
 - C There will be 15 leaves.
 - **D** The number that occurs most often is 4.

Multi-Step How many more leaves will beon the stem of 4 than the stem of 3?

- **A** 1
- **B** 6
- **C** 4
- **D** 2

Multi-Step How many stems will have

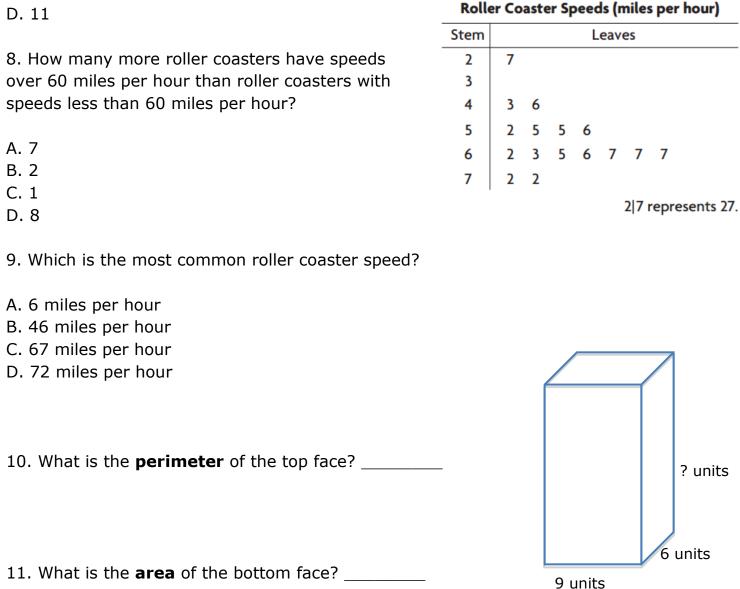
- 6. more than 3 leaves?
 - **A** 2
 - **B** 1
 - **C** 3
 - **D** 4

Use the roller coaster stem and leaf plot to answer questions 7-9.

7. How many roller coasters are represented in the data?

A. 6

- B. 5
- C. 16
- D. 11



12. If the **volume** of the rectangular prism is 864 cubic units, what is the **height**? _____