4.1 **Learning Opportunity** Name: _____

Mean, Median, Mode, Range

Find the mean, median, mode, and range for each situation given in problems 1 through 3 below (round to the nearest tenth when necessary).

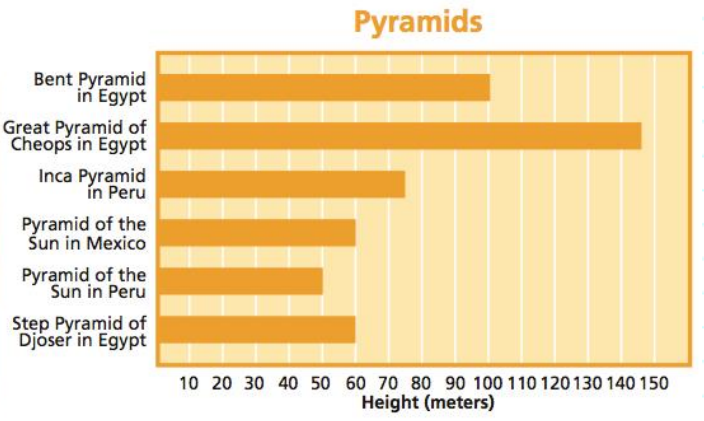
1) Number of miles biked in one week: 21, 17, 15, 18, 26, 16, 20

1) Number of strikeouts per inning: 3, 2, 0, 0, 1, 2, 3, 0, 2

1) Number of hours practiced before a concert: 2, 1, 0, 1, 5, 3, 4, 2, 0, 3, 1, 2

4) Find the mean, median, mode, and range of heights for the pyramids listed in the horizontal bar graph below. (Round to the nearest whole meter when necessary).

Great Pyramid of Cheops



5) Jack and his friends spent part of their afternoon together at the candy claw machine. The table below shows how many candies each person won.

Friend	Candy
Jack	
Annabelle	
Lucca	
Elle	
Maggie	
Maxi	

Key: = 5 candies

If they decided to equally share the candy won, how many pieces would each friend receive?

Does this number represent the mean, median, mode, or range of candies won?

6) Over a span of 12 hours, Old Faithful Geyser in Yellowstone National Park erupted 10 times. The lengths (in minutes) of the eruptions are shown.

2.8, 4.5, 4.1, 3.7, 3.5, 4.5, 2.2, 4.9, 2.6, 4.2

Find the mean length, in minutes, of the eruptions of Old Faithful listed above.