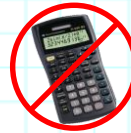# Learning Opportunity
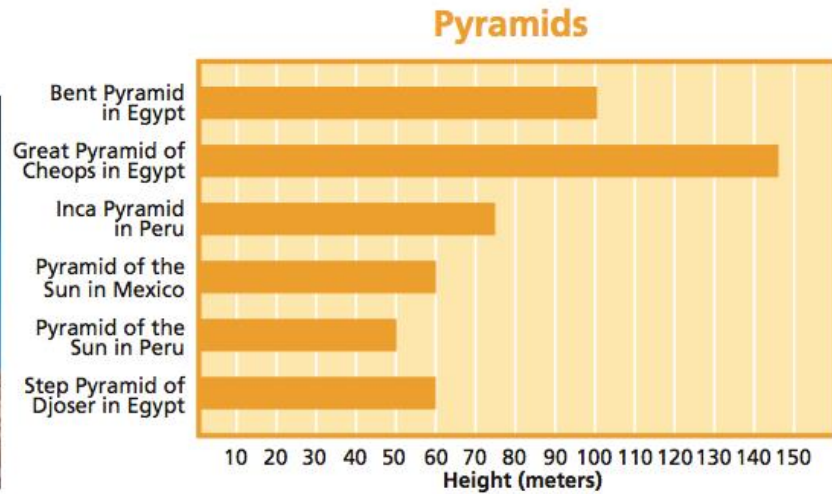
Name: _____

1) Find the mean, median, mode, and range of heights for the pyramids listed in the horizontal bar graph below.

Great Pyramid of Cheops

Pyramids

Height (meters)

2) 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.

3) Shane 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
Shane	🍬🍬🍬
Lauren	🍬🍬🍬🍬🍬🍬🍬
Brandon	🍬🍬🍬🍬🍬
Elena	🍬🍬🍬🍬
Emily	🍬🍬🍬🍬🍬🍬🍬🍬
Lindsay	🍬🍬🍬

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?

4) For the years shown in the table below, find the mean, median, mode, and range price of unleaded regular gasoline. When necessary, please round your answers to the nearest cent.

Gasoline Retail Prices, National Average
(including taxes)

Year	Unleaded Regular (dollars)	Unleaded Premium (dollars)
1996	1.23	1.41
1997	1.23	1.42
1998	1.06	1.25
1999	1.17	1.36
2000	1.51	1.69
2001	1.46	1.66
2002	1.36	1.58
2003	1.60	1.78