

## Post 2 Example

NOTE: Not all parts of the Discussion are included in this Example. Read the Discussion Question thoroughly and respond to all parts of the Question.

Information from the classmate's post:

Home prices:	\$176,000	\$186,000	\$187,550	\$189,999	\$190,000
	\$194,900	\$214,900	\$320,000	\$320,000	\$404,500

Mean: \$238,384.90                  Median: \$192,450                  Mode: \$320,000

I checked the calculations for mean, median and mode and they are correct.

When the home prices are put in order, the mode represents the 8<sup>th</sup> and 9<sup>th</sup> most expensive home prices. Because of this, the mode can be ruled out as the "best" measure of central tendency since it falls well above the median and mean.

When comparing the median and the mean, we use the median when the data contains extreme scores. For the home prices listed here, there are three homes priced well above the others. This results in the mean being pulled higher. Because of this, the median would be the best measure of central tendency.