

**TAKS Objective 9**  
**TEK 8.12A**  
**Tutorial**  
**(Grades 9, 10, and 11)**

...select the appropriate measure of central tendency or range to describe a set of data and justify the choice for a particular situation.

Which measures are measures of central tendency?

Mean

Median

Mode

What is mean?  
How is the mean found?

Mean is average.

Add all items together.  
Then divide by the number of items.

What is the median?

How is the median found?

Median is the middle number.

Put the numbers in order.

Find the middle number.

It is the median.

If there are two numbers in the middle, average them.

This would be the median.

What is mode?

Mode is the data used most often.

Range is not a measure of  
central tendency.

What is range?

How is it found?

The difference between the smallest  
and biggest numbers.

Subtract the smallest number from the  
largest number.

When answering questions involving mean, median, mode, *and* range, be sure to find each of the measures before answering the question.