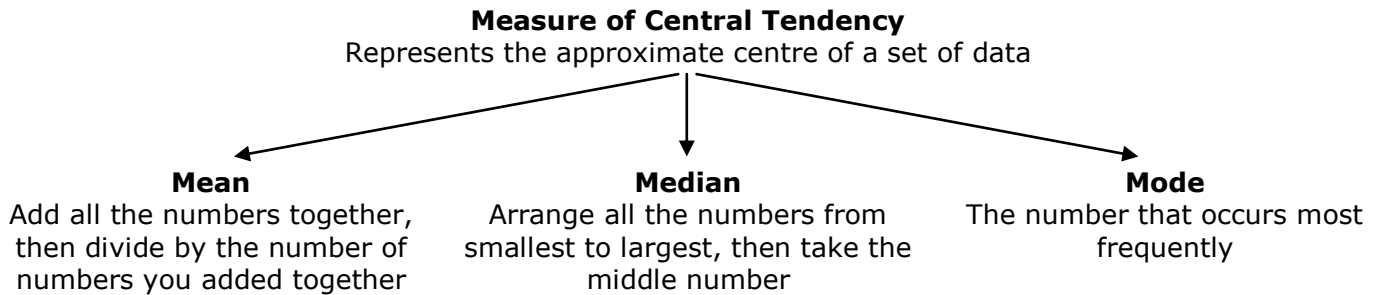


Name: _____

MEAN MEDIAN AND MODE



EXAMPLE

Mr. Au's Report Card in Grade 7

SUBJECT	MARK
English	85%
French	90%
Math	95%
Science	80%
Geography	80%
History	19%
Phys Ed	88%
Music	80%
Visual Arts	82%
Drama and Dance	80%
Design and Technology	90%
Family Studies	89%

Calculating the MEAN

$$85 + 90 + 95 + 80 + 80 + 19 + 88 + 80 + 82 + 80 + 90 + 89 = 958$$

$$958 \div 12 = 79.8$$

Mean is **79.8%**

Calculating the MEDIAN

19, 80, 80, 80, 80, 82, 85, 88, 89, 90, 90, 95

Median is between 82 and 85—take the average of the two numbers

Median mark is **83.5%**

Calculating the MODE

Mode is **80%**

Which **measure of central tendency** best reflects Mr. Au's marks? Explain.

In this case, the **median** best represents Mr. Au's marks because the vast majority of Mr. Au's marks are in the 80s. Exactly half of his marks are higher than the median, and exactly half of his marks are lower than the median. The **mean** of 79.8% does not accurately reflect this because NONE of his marks are in the 70s. The one low mark that he has is 19%.

Name: _____

MEAN MEDIAN AND MODE

YOUR TASK:

Fuzzy Gunner's Report Card in Grade 7

SUBJECT	MARK
English	75%
French	90%
Math	75%
Science	75%
Geography	82%
History	75%
Phys Ed	13%
Music	79%
Visual Arts	75%
Drama and Dance	75%
Design and Technology	75%
Family Studies	75%

Calculating the MEAN (show all your work)

Calculating the MEDIAN (show all your work)

What is the MODE

Mode is _____

Which measure of central tendency best reflects Fuzzy Gunner's marks? Explain.
