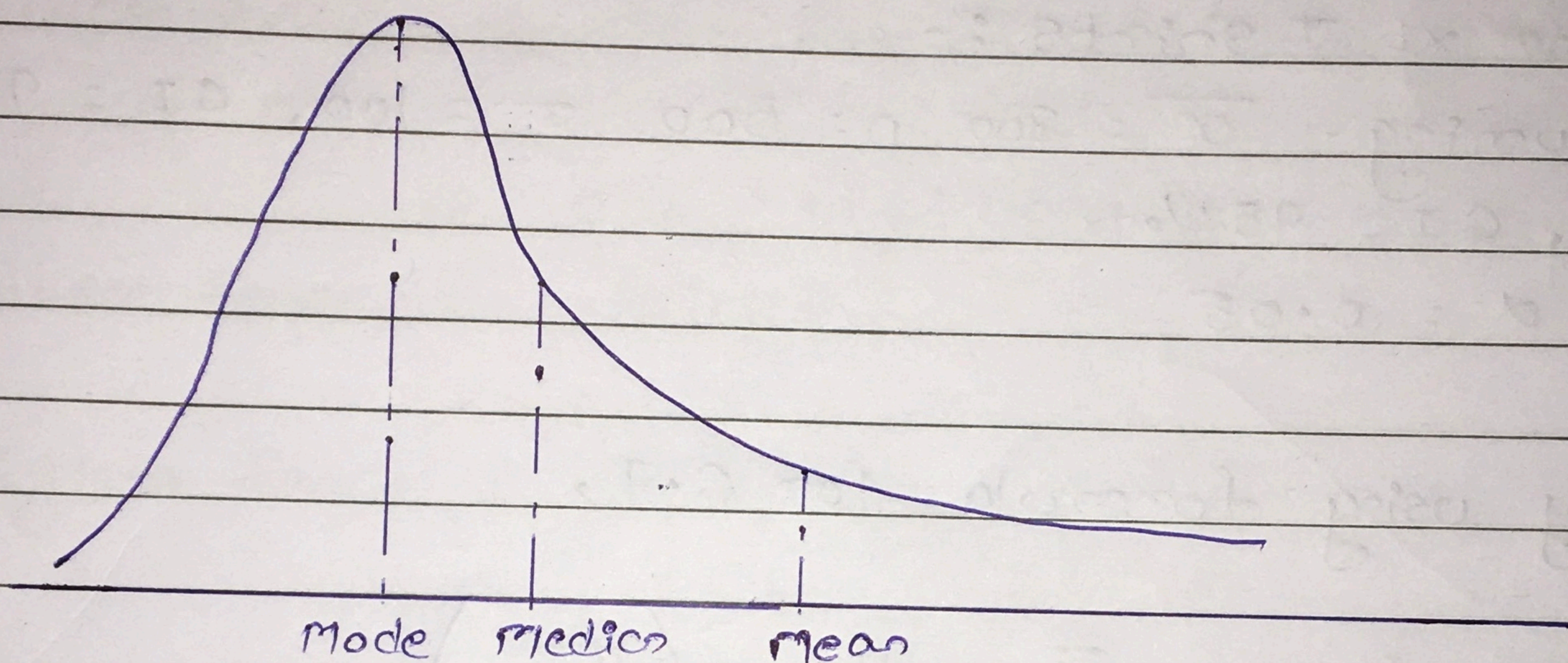


### Assignment No. 3

Q. what is the relationship between Mean, Median and Mode in Right skewed and left skewed distribution? Draw the graph to represent?

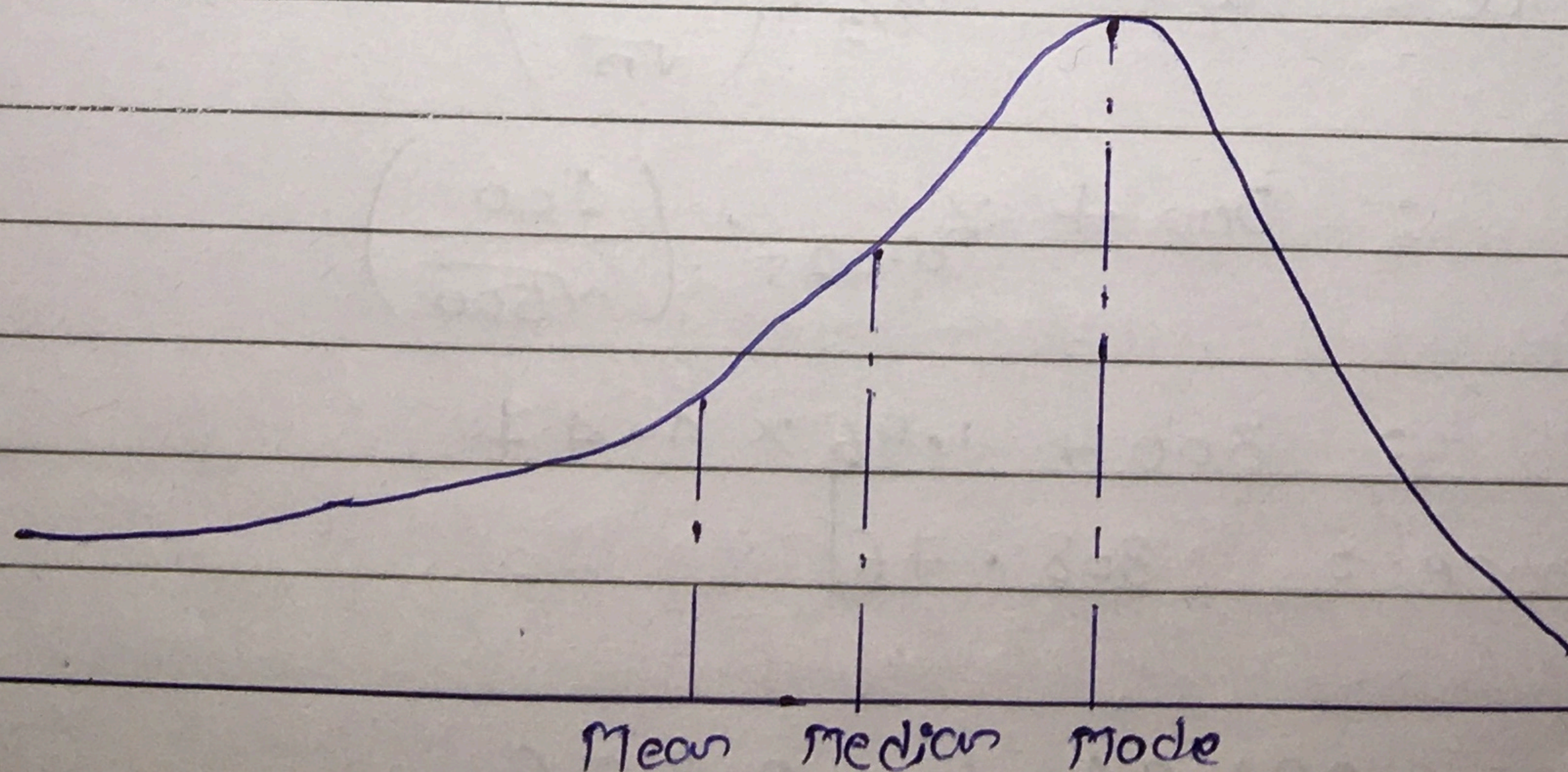
#### Right Skewed Distribution :-



If the distribution of data is skewed to the Right, the Mode is often less than the Median which is less than the Mean.

$$\text{i.e., Mean} > \text{Median} > \text{Mode}$$

#### Left Skewed Distribution:



If the distribution of data is skewed to the left the Mean is often less than the Median which is less than Mode.

$$\text{i.e., Mode} > \text{Median} > \text{Mean}$$