



Find the mode for the following sets of data.

Values	1	2	3	4	5	6	7	8
Frequency	4	6	4	4	3	2	1	1

The mode here is 2, as it has the highest frequency.

Category	Blue	Red	Green	Pink	Yellow
Frequency	4	5	8	1	3

This time the mode is Green.

Values	1	2	3	4	5
Frequency	2	3	3	3	3

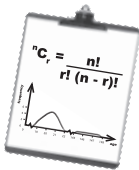
This set of data has several modes: 2, 3, 4, and 5.

When do you think the mode is most useful?

When the data set has a low number of modes, or when the data is categorical instead of numerical. Neither the mean nor the median can be used with categorical data.

When is the mode least useful?

When there are many modes



## Vital Statistics

### Mode

The mode has to be in the data set. It's the only average that works with categorical data.