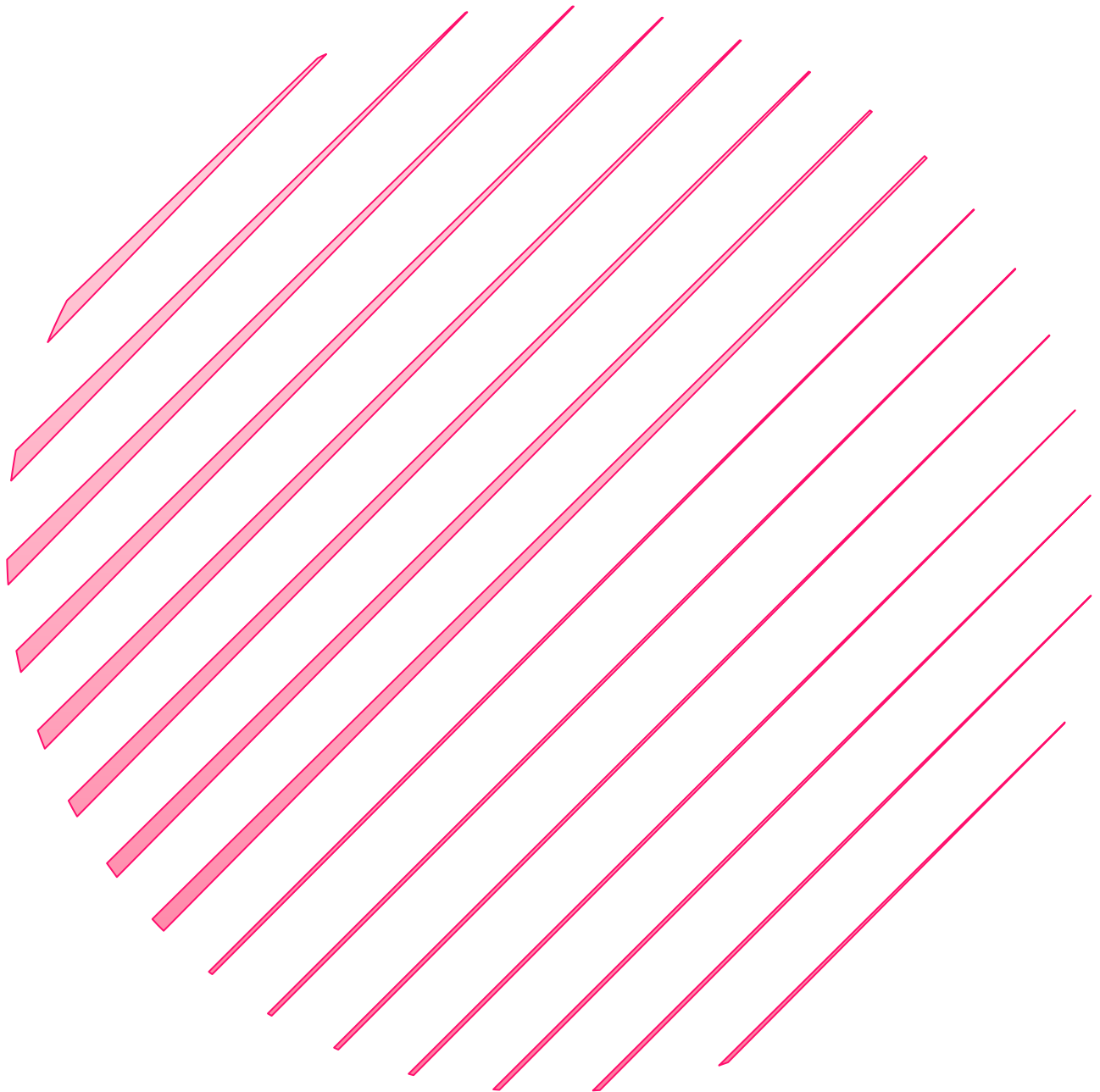


# VITAL MATHEMATICS



STATISTICS  
MODE

STEVIE CARPENTER

## INTRODUCTION

The mode is the data value or number that occurs the most. The mode can be placed into three different categories:

1. Unimodal – One mode
2. Bimodal – Two modes
3. Multimodal – Multiple modes (more than two)

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**Mode – The number or data value that occurs the most.**

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## MODE EXAMPLES

Example 1) Find the mode of the data below:

8, 7, 9, 8, 6, 9, 8, 8, 7, 6, 7, 6, 9, 8, 7, 9

Example 2) Find the mode of the data below:

7, 9, 9, 6, 7, 6, 7, 6, 9, 7, 9

## Concepts Concerning the Mode

### Measure of Center

The mode is within the category of measuring the center of a set of data. The other two being the mean and median, most notably used. The mode is not a good measure of center because the mode does not focus entirely on the center, but on the data value that occurs the most. The mode could be a value that is nowhere near the center.

### Outliers

An outlier within the data does not change the mode.

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