What am I learning today?

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Parameter and Statistic	**Notes** **Parameter** – A number that describes the _____. It is a fixed number, but typically we don't know its value. **Think "parameter' → 'population'** **Statistic** – A number that describes the _____. This value is known once we have taken a sample. It is NOT a fixed number since it can change from sample to sample. We often use a statistic to estimate an unknown parameter. **Think "statistic' → 'sample'**

Examples:

Activity 5.2) Name the…..

Population: **Sample(s):**

Parameter: **Statistic(s):**

2) A recent report studied whether boys or girls were quicker at sending text messages. Researchers studied each text message for accuracy and length of time it took to type the message. In a group of 50 girls, they found that it took an average of **7 seconds** to send a text. In a group of 46 boys, they found it took an average of **10 seconds** to send a text.

Population: **Sample(s):**

Parameter: **Statistic(s):**