

Name \_\_\_\_\_

## Relationships & Connections

**Problem:** To determine if there is a relationship between heart rate and breathing rate.

**Hypothesis:** Do you think there is a connection between the *number of times your heart beats in a minute* and the *number of breaths you take in a minute*? Why or why not? Explain your reasoning.

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**Design an experiment to test your hypothesis (write a step-by-step procedure:**

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**Design a way to record your data (make a chart to show your data):**

**Design a way to display or show your data (graph your data):**