Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Changing Denominators** $\frac{?}{?}$

Write a mathematical argument to answer the following question.

If the size of the whole stays the same, does the size of a unit fraction increase or decrease as the number in the denominator increases? Include evidence in your answer.