

## SOL 6.1

The student will represent relationships between quantities using ratios, and will use appropriate notations,

such as  $\frac{a}{b}$ , a to b, and a:b.

## HINTS & NOTES

- ✓ Make sure that you write the ratio in the order that is asked.
- ✓ Simplify all ratios.
- ✓ Ratios can be written in several different ways:  $\frac{a}{b}$ , a to b, a:b.



The student will a) represent a proportional relationship between two quantities, including those arising from practical situations;

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- b) determine the unit rate of a proportional relationship and use it to find a missing value in a ratio table;
- c) determine whether a proportional relationship exists between two quantities; and
- d) make connections between and among representations of a proportional relationship between two quantities



- You can graph relationships using (x,y) coordinates.
- The graph of a proportional relationship goes through the point (0,0), the origin.

