## Proportional Reasoning - Ratios

## Grade Six HLC

Use visual representations to compare ratios, and solve problems including those involving unit rates and percentages
September

## Grade Six Learning Progressions

Students must use visual representations to build understanding along this trajectory and interact with a variety of rates and ratios.
${ }^{* *}$ Be VERY cautious of introducing algorithms before conceptual understanding is SOLID**
Critical Strategies: Look for and identify multiplicative relationships in tables and diagrams.



Use multiplicative reasoning, unit rates and/or equivalency to compare ratios and solve more complex problems. (cont.)

## Percent Bar

66 is what percent of $220 ?$


## Double Number Line

$40 \%$ of 65


