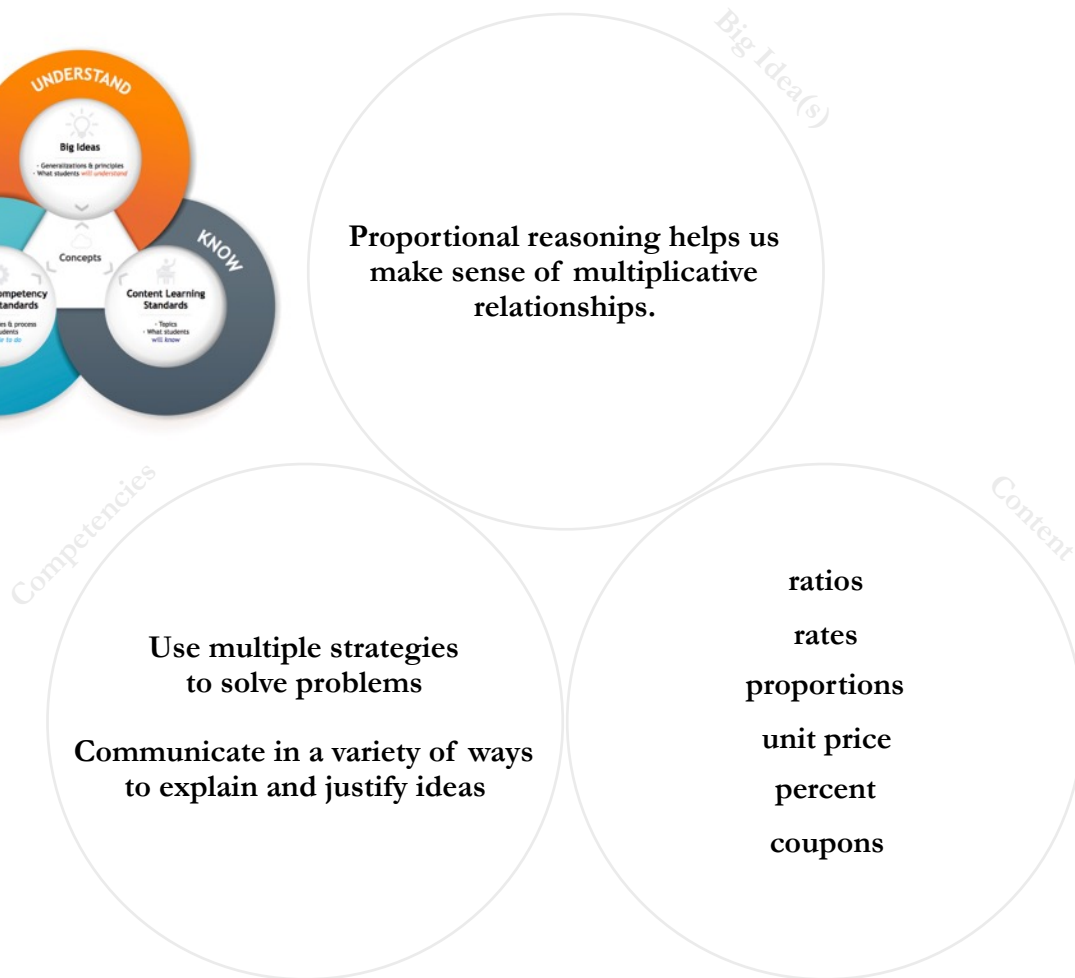
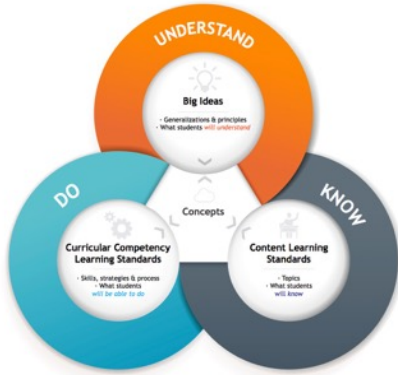


Big Idea

Students will understand that:

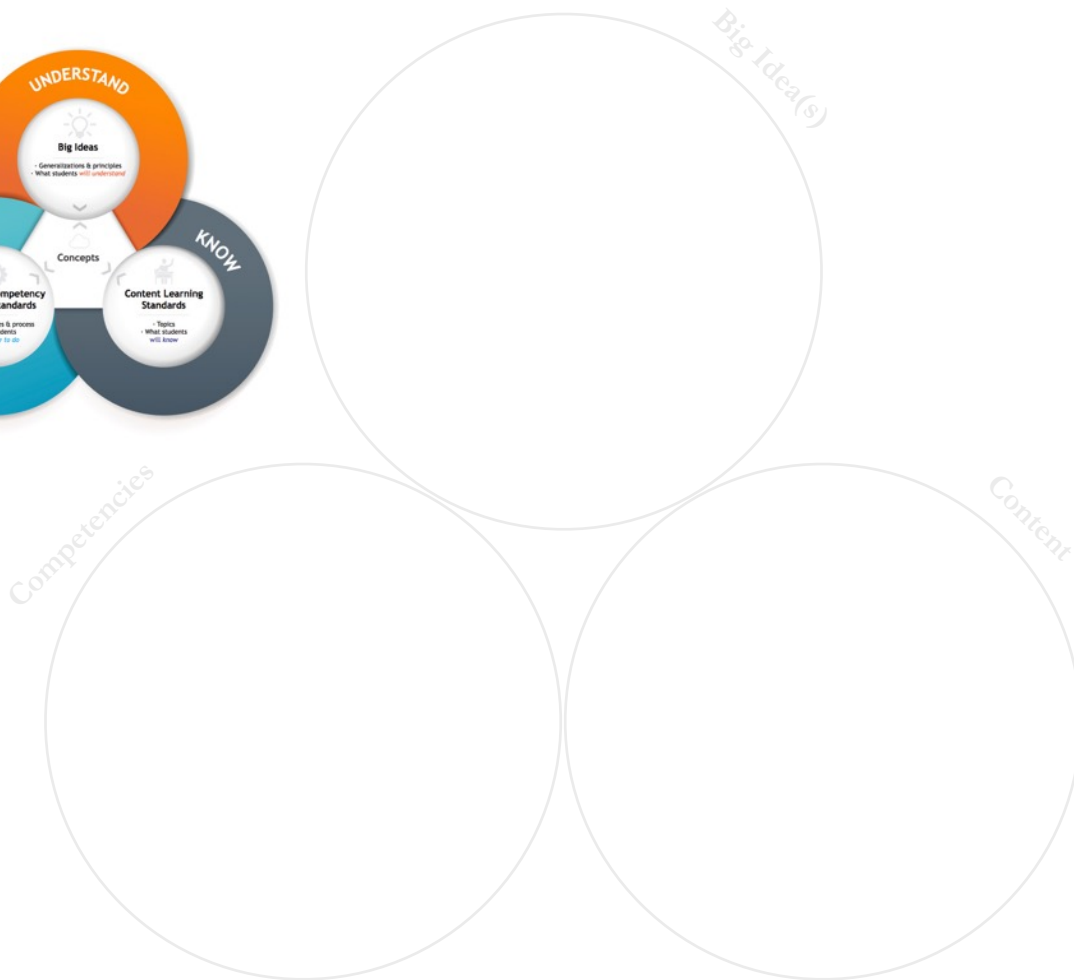
- Thinking about how quantities are related using multiplication is essential for solving a wide variety of problems
- Ratios, rates, and percent make comparisons easy; one term is made the same



Curricular Competencies	Content
<p><i>Students will be able to:</i></p> <ul style="list-style-type: none"> • choose correct and efficient strategies • monitor progress to completion of task and make necessary adjustments along the way • propose and consider or critique alternative strategies • share mathematical <i>ideas</i>—not just <i>steps</i>!—needed to solve problems (verbal & written) • present work that is clear and easy to follow • effectively use tables, equations, etc. to support conclusions or arguments 	<p><i>Students will know that:</i></p> <ul style="list-style-type: none"> • two equivalent ratios represent the same relationship • ratio tables list equivalent ratios in an organized way • a rate represents an infinite number of equivalent ratios • a unit rate (or price) is an equivalent rate where one term is “1” • a proportion is an expression of the equivalence of two ratios • proportion problems can be solved by looking for scale factors within or between ratios • a percent is a fanatical comparison to 100

Big Idea

Students will understand that:



Curricular Competencies

Students will be able to:

Content

Students will know that: