

## Math DesCartes: Number Sense

### Skills: Ratio, Percent, and Scientific Notation

Students:	DesCartes Skills: <small>(Highlight the skills related to your chosen standard/concept)</small>
	<b>RIT 251-260:</b> <ul style="list-style-type: none"> <li>Writes a rational number in scientific notation</li> </ul>
	<b>RIT 241-250:</b> <ul style="list-style-type: none"> <li>Recognizes and writes ratios</li> <li>Writes a number expressed in scientific notation in standard form</li> <li>Writes a whole number in scientific notation</li> <li>Writes a decimal in scientific notation</li> </ul>
	<b>RIT 231-240:</b> <ul style="list-style-type: none"> <li>Recognizes and writes ratios</li> <li>Estimates percent using 2-D regions</li> <li>Compares and orders percent</li> <li>Compares and orders fractions, decimals, and percents</li> <li>Writes a number expressed in scientific notation in standard form</li> <li>Writes a whole number in scientific notation</li> <li>Writes a decimal in scientific notation</li> </ul>
	<b>RIT 221-230:</b> <ul style="list-style-type: none"> <li>Uses concrete and pictorial models to represent ratios</li> <li>Writes the missing number in a proportion with numbers other than basic facts (e.g., <math>5/13 = ?/117</math>)</li> <li>Identifies the percent represented in a given model</li> </ul>
	<b>RIT 211-220:</b> <ul style="list-style-type: none"> <li>Uses concrete and pictorial models to represent proportions</li> <li>Recognizes and writes proportions</li> <li>Identifies the percent represented in a 2-D region</li> </ul>
	<b>RIT 191-210:</b> <ul style="list-style-type: none"> <li>Writes the missing number in a proportion using basic facts</li> </ul>

**Lesson Title:**

**Standard/Concept for All:**

**For Students Ready for a Challenge:**

Lesson/Activity:

Resources:

Means of Assessment:

**For Most Students:**

Lesson/Activity:

Resources:

Means of Assessment:

**For Students Needing Extra Support:**

Lesson/Activity:

Resources:

Means of Assessment:

**Closure/Summary for All:**