

# Math DesCartes: Data Analysis, Probability and Statistics

## Skills: Data Analysis

Students:	DesCartes Skills: <small>(Highlight the skills related to your chosen standard/concept)</small>
	<b>RIT 241-250:</b> <ul style="list-style-type: none"> <li>• Reads and interprets data in tables</li> </ul>
	<b>RIT 231-240:</b> <ul style="list-style-type: none"> <li>• Interprets data given in horizontal and vertical bar graphs to solve problems</li> <li>• Interprets data given in tables to solve problems</li> <li>• Interprets data given in circle graphs to solve complex problems (with percents)</li> <li>• Interprets data given in line graphs to solve problems</li> </ul>
	<b>RIT 221-230:</b> <ul style="list-style-type: none"> <li>• Solves problems using circle graphs</li> <li>• Interprets data given in tables to solve problems</li> <li>• Interprets data given in circle graphs to solve complex problems (with percents)</li> </ul>
	<b>RIT 211-220:</b> <ul style="list-style-type: none"> <li>• Draws conclusions from data</li> <li>• Reads and interprets circle graphs</li> <li>• Reads and interprets data in scatter plots</li> <li>• Reads and interprets data in line plots</li> <li>• Interprets data in line graphs (e.g., change over time)</li> <li>• Solves problems using picture graphs</li> <li>• Solves problems using line graphs</li> <li>• Solves problems using bar graphs</li> <li>• Solves problems using circle graphs</li> <li>• Interprets data given in circle graphs to solve simple problems (with percents)</li> </ul>
	<b>RIT 201-210:</b> <ul style="list-style-type: none"> <li>• Draws conclusions from data</li> <li>• Reads and interprets tables</li> <li>• Reads and interprets data given in percent form on a circle graph</li> <li>• Solves problems using line graphs</li> <li>• Solves problems using bar graphs</li> <li>• Solves problems using tables</li> <li>• Solves problems using dual bar graphs</li> <li>• Interprets data given in circle graphs to solve simple problems (with percents)</li> <li>• Understands how the omission or duplication of data affects the interpretation of results</li> </ul>
	<b>RIT 191-200:</b> <ul style="list-style-type: none"> <li>• Draws conclusions from data</li> <li>• Reads and interprets simple line graphs</li> <li>• Reads and interprets data from a bar graph</li> <li>• Reads and interprets dual bar graphs</li> <li>• Reads and interprets data given in percent form on a circle graph</li> <li>• Solves problems using tables</li> <li>• Solves problems using tally charts</li> </ul>
	<b>RIT 181-190:</b> <ul style="list-style-type: none"> <li>• Interprets simple graphs or tables</li> <li>• Reads and interprets data from a bar graph</li> <li>• Solves simple problems based on data from bar graphs or pictographs</li> <li>• Solves simple problems based on data from tally charts</li> </ul>
	<b>RIT 171-180:</b> <ul style="list-style-type: none"> <li>• Compares data from simple graphs (e.g., largest, smallest, most often, least often)</li> <li>• Interprets data using tally charts</li> <li>• Interprets simple graphs or tables</li> <li>• Reads and interprets data from a picture graph</li> <li>• Solves simple problems based on data from pictographs or bar graphs</li> </ul>
	<b>RIT Below 171:</b> <ul style="list-style-type: none"> <li>• Compares data from simple graphs (e.g., largest, smallest, most often, least often)</li> <li>• Solves simple problems based on data from tables</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: