

Math 6+: Number Sense
Rate, Ratio, Proportion, and Percent

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Students **Learning Continuum Statements:**

Students:

RIT 191-200:

- Uses tables to represent real-world relationships described by a given unit rate

Students:

RIT 201-210:

- Converts between percents and ratios expressed verbally or in the form a:b
- Identifies ratios between two quantities not from the same whole
- Recognizes a ratio within a context
- Understands percentage parts add up to 100
- Uses tables to represent real-world relationships described by a given unit rate

Students:

RIT 211-220:

- Compares unit rates within a real-world context
- Converts between percents and ratios expressed verbally or in the form a:b
- Creates tables representing proportional relationships involving positive rational numbers
- Determines equivalent ratios
- Identifies ratios between two quantities not from the same whole
- Identifies the part-to-part ratio between two quantities
- Identifies the part-to-whole ratio between two quantities
- Uses tables to represent real-world relationships described by a given ratio
- Uses tables to represent real-world relationships described by a given unit rate

Students:

RIT 221-230:

- Compares unit rates within a real-world context
- Converts between percents and ratios expressed verbally or in the form a:b
- Determines equivalent ratios
- Identifies the part-to-part ratio between two quantities
- Identifies the part-to-whole ratio between two quantities
- Uses tables to represent real-world relationships described by a given ratio
- Uses tables to represent real-world relationships described by a given unit rate
- Writes a different ratio using the same quantities as a given ratio expressed either verbally, as a fraction, or in the form a:b

Students:**RIT 231-240:**

- Compares unit rates within a real-world context
- Converts between percents and ratios expressed verbally or in the form $a:b$
- Determines equivalent ratios
- Identifies the part-to-part ratio between two quantities
- Identifies the part-to-whole ratio between two quantities
- Uses tables to represent real-world relationships described by a given ratio

Students:**RIT 241-250:**

- Compares unit rates within a real-world context
- Determines equivalent ratios
- Identifies the part-to-whole ratio between two quantities
- Uses tables to represent real-world relationships described by a given ratio

Students:**RIT 251-260:**

- Compares ratios within a real-world context

Students:**RIT 261-270:**

- Creates tables representing proportional relationships involving negative rational numbers