

Math 6+: Number Sense

Fractions, Decimals, and Percents: Concepts

Fractions: Represent and Model

Students	Learning Continuum Statements:
Students:	RIT 151-160: Identifies shapes that are divided into equal parts
Students:	RIT 161-170: - Identifies shapes that are divided into equal parts - Identifies shapes that are divided into fourths - Identifies shapes that are divided into halves - Identifies shapes that are divided into thirds
Students:	RIT 171-180: - Identifies shapes that are divided into equal parts - Identifies shapes that are divided into fourths - Identifies shapes that are divided into halves - Models non-unit fractions using area models - Models non-unit fractions using set models - Models unit fractions using area models - Models unit fractions using set models - Reads and writes fractions in word form
Students:	RIT 181-190: - Identifies shapes that are divided into equal parts - Identifies the fractional parts of shapes - Models non-unit fractions using area models - Models non-unit fractions using set models - Models unit fractions using area models - Models unit fractions using set models - Reads and writes fractions in word form - Understands the meaning of the numerator and the denominator in a fraction
Students:	RIT 191-200: - Identifies shapes that are divided into quarters - Identifies the fractional parts of shapes - Locates non-unit proper fractions on a number line - Models non-unit fractions using area models - Models non-unit fractions using set models - Models unit fractions using area models - Models unit fractions using set models

Students:

RIT 201-210:

- Identifies fractions which represent given situations
- Identifies shapes that are divided into quarters
- Identifies the fractional parts of shapes
- Identifies the mixed number represented by a fraction model
- Locates non-unit proper fractions on a number line
- Models non-unit fractions using area models
- Models non-unit fractions using set models
- Models unit fractions using set models

Students:

RIT 211-220:

- Identifies fractions which represent given situations
- Identifies the mixed number represented by a fraction model
- Locates improper fractions on a number line
- Locates mixed numbers on a number line
- Locates non-unit proper fractions on a number line
- Locates unit fractions on a number line

Students:

RIT 221-230:

- Identifies fractions which represent given situations
- Identifies the improper fraction represented by a fraction model
- Locates improper fractions on a number line
- Locates mixed numbers on a number line
- Locates non-unit proper fractions on a number line
- Locates unit fractions on a number line

Students:

RIT 231-240:

- Identifies the improper fraction represented by a fraction model
- Locates improper fractions on a number line
- Locates mixed numbers on a number line
- Locates non-unit proper fractions on a number line
- Understands fractions as the division of the numerator by the denominator

Students:

RIT 241-250:

- Locates mixed numbers on a number line
- Understands fractions as the division of the numerator by the denominator