

Topic: Unit 08: Ratio, Proportions, & Percents

Days: 25

Subject Area(s): Math

Grade(s): 6

Key Learning: To solve problem using ratio, proportion, and percent



Unit Essential Question(s): How do you solve problems using ratios, proportions, and percents?

Concept: Ratios and Rates	Concept: Proportions	Concept: Similar Figures
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Lesson Essential Question(s): How do you find equivalent ratios (A)	Lesson Essential Question(s): How do you write and solve proportions (A)	Lesson Essential Question(s): How do you use ratios to identify similar figures? (A)
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Vocabulary: ratio, equivalent ratio, rate, unit rate	Vocabulary: proportion	Vocabulary: corresponding sides, corresponding angles
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Concept: Indirect Measurement	Concept: Scale Drawings and Maps	Concept: Percents
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Lesson Essential Question(s): How do you use proportions and similar figures to find unknown measures? (A)	Lesson Essential Question(s): How is a scale on a map used to find actual distances? (A)	Lesson Essential Question(s): How do you convert percents to decimals and fractions? (A)
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Vocabulary: indirect measurement	Vocabulary: scale drawing, scale	Vocabulary: percent
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Concept: Percents, Decimals, & Fractions	Concept: Percent Problems	Concept: Using Percents
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Lesson Essential Question(s): How do you convert decimals and fractions to percents? (A)	Lesson Essential Question(s): How do you find the missing value in a percent problem? (ET)	Lesson Essential Question(s): How do you solve real world problems using percents? (ET)
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Vocabulary:	Vocabulary:	Vocabulary: discount, sales tax
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