

Grade 7 Illustrative Mathematics – Unit 4: Proportional Relationships and Percentages

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[Unit Summary for Parents - PDF File](#)

Lesson Topic	IM Lesson	Khan Academy Support Videos	Khan Academy Online Practice	Class Notes	Homework Help
1 – Lots of Flags	<u>Lesson 1</u>				<u>7.4.1 Morgan</u>
2 – Ratios and Rates with Fractions	<u>Lesson 2</u>		<u>Rates with fractions</u>		<u>7.4.2 Morgan</u>
3 – Revisiting Proportional Relationships	<u>Lesson 3</u>		<u>Proportion word problems</u>		<u>7.4.3 Morgan</u>
4 – Half as Much Again	<u>Lesson 4</u>				<u>7.4.4 Morgan</u>
5 – Say it with Decimals	<u>Lesson 5</u>	<u>Fraction to Decimal: 11/25</u> <u>Worked Example: Converting a fraction (7/8) to a decimal</u>	<u>Converting fractions to decimals</u> <u>Quiz 1</u>		<u>7.4.5 Morgan</u>
6 – Increasing and Decreasing	<u>Lesson 6</u>				<u>7.4.6 Morgan</u>
7 – One Hundred Percent	<u>Lesson 7</u>	<u>Rational number word problem: ice</u>	<u>Percent Problems</u>		<u>7.4.7 Morgan</u>
8 – Percent Increase and Decrease with Equations	<u>Lesson 8</u>		<u>Equivalent expressions with percent problems</u>		<u>7.4.8 Morgan</u>
10 – More and Less than 1%	<u>Lesson 9</u>				<u>7.4.9 Morgan</u>
11 – Tax and Tip	<u>Lesson 10</u>	<u>Interpreting linear expressions: diamonds</u>	<u>Tax and tip word problems</u>		<u>7.4.10 Morgan</u>

12 – Percentage Contexts	Lesson 11	Percent word problem: guavas Percent word problems: tax and discount	Discount, markup, and commission word problems Quiz 2		7.4.11 Morgan
13 – Finding the Percentage	Lesson 12				7.4.12 Morgan
14 – Measurement Error	Lesson 13				7.4.13 Morgan
15 – Percent Error	Lesson 14				7.4.14 Morgan
16 – Error Intervals	Lesson 15				7.4.15 Morgan
17 – Posing Percentage Problems	Lesson 16				
Unit 4 Review			Khan Academy Unit 4 Test		