

Grade 7 Accelerated Mathematics – Linear Relationships 8.3

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

Lesson Topic	IM Lesson	Khan Academy Support Videos	Khan Academy Online Practice	Class Notes	Lesson Summary & Homework Help
Lesson 1 – Understanding Proportional Relationships	Lesson 1				8.3.1 Morgan
Lesson 2 – Graphs of Proportional Relationships	Lesson 2				8.3.2 Morgan
Lesson 3 – Representing Proportional Relationships	Lesson 3	Graphing proportional relationships: Unit Rate Graphing Proportional Relationships from a table Graphing proportional relationships from an equation	Graphing Proportional Relationships		8.3.3 Morgan

Lesson 4 – Comparing Proportional Relationships	Lesson 4	Rates and proportional relationships example Rates and proportional relationships: gas mileage	Rates and proportional relationships Quiz 1		8.3.4 Morgan
Lesson 5 – Intro to Linear Relationships	Lesson 5				8.3.5 Morgan
Lesson 6 – More Linear Relationships	Lesson 6				8.3.6 Morgan
Lesson 7 – Representation of Linear Relationships	Lesson 7	Linear and nonlinear functions: missing value			8.3.7 Morgan
Lesson 8 – Translating to $y=mx + b$	Lesson 8	Intro to slope-intercept form Graph from slope-intercept equation			8.3.8 Morgan

Lesson 9 – Slopes Don't have to be Positive	Lesson 9	Intro to intercepts Slope-intercept equation from slope & point Linear & nonlinear functions: word problems	Intercepts from a graph Slope from graph Slope-intercept intro Graph from slope-intercept from Slope-intercept equation from graph		8.3.9 Morgan
Lesson 10 – Calculating Slope	Lesson 10		Slope from two points		8.3.10 Morgan
Lesson 11 – Equations of All Kinds of Lines	Lesson 11	Converting to slope-intercept form Worked examples: slope-intercept intro	Slope-intercept from two points Quiz 2		8.3.11 Morgan
Lesson 12 – Solutions to Linear Equations	Lesson 12	Solutions to 2-variable equations Worked example: solutions to 2-variable equations	Solutions to 2-variable equations		8.3.12 Morgan

Lesson 13 – More Solutions to Linear Equations	Lesson 13	Completing solutions to 2-variable equations x-intercept of a line Intercepts from an equation Worked example: intercepts from an equation	Complete solutions to 2-variable equations Intercepts from an equation Quiz 3		8.3.13 Morgan
Lesson 14 – Using Linear Relations to Solve Problems	Lesson 14				8.3.14 Morgan
			Khan Academy Unit 3 Test		