

Grade 7-PreAlgebra – Unit 6: Functions and Volume 8.5					
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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 – Inputs and Outputs	Lesson 1				8.5.1 Morgan 8 5 1 CUSD HW
Lesson 2 – Introduction to Functions	Lesson 2		Recognize functions from tables		8.5.2 Morgan 8 5 2 CUSD HW
Lesson 3 – Equations for Functions	Lesson 3	Manipulating formulas: temperature	Evaluate functions Function rules from equations		8.5.3 Morgan 8 5 3 CUSD HW
Lesson 4 – Tables, Equations, and Graphs of Functions	Lesson 4	Linear function example: spending money			8.5.4 Morgan 8 5 4 CUSD HW

Lesson 5 – More Graphs of Functions	Lesson 5	Interpreting a graph example	Evaluate Functions from their graph Interpreting graphs of functions Recognize Functions from a graph Quiz 1		8.5.5 Morgan 8 5 5 CUSD HW
Lesson 6 – Even More Graphs of Functions	Lesson 6				8.5.6 Morgan 8 5 6 CUSD HW
Lesson 7 – Connecting Representations of Functions	Lesson 7				8.5.7 Morgan 8 5 7 CUSD HW

Lesson 8 – Linear Functions	Lesson 8	Linear graphs word problem: cats Linear equations word problems: earnings Modeling with linear equations: snow Comparing linear functions word problem: climb Comparing linear functions word problem: work Linear Functions word problem: fuel Linear functions word problem: pool	Linear equations word problems: graphs Linear equations word problems Compare linear functions Comparing linear functions word problems Graphing linear functions word problems Linear and nonlinear functions		8.5.8 Morgan 8 5 8 CUSD HW
Lesson 9 – Linear Models	Lesson 9		Linear models word problems Writing linear functions word problems Quiz 2		8.5.9 Morgan 8 5 9 CUSD HW

Lesson 10 – Piecewise Linear Functions	Lesson 10				8.5.10 Morgan 8 5 10 CUSD HW Mid Unit 5 Review Morgan
Lesson 11 – Filling Containers	Lesson 11				8.5.11 Morgan 8 5 11 CUSD HW
Lesson 12 – How Much Will Fit?	Lesson 12				8.5.12 Morgan 8 5 12 CUSD HW
Lesson 13 – The Volume of a Cylinder	Lesson 13	Cylinder volume and surface area	Volume of cylinders		8.5.13 Morgan 8 5 13 CUSD HW
Lesson 14 – Finding Cylinder Dimensions	Lesson 14				8.5.14 Morgan 8 5 14 CUSD HW
Lesson 15 – The Volume of a Cone	Lesson 15	Volume of a cone	Volume of cones Quiz 3		8.5.15 Morgan 8 5 15 CUSD HW

Lesson 16 – Finding Cone Dimensions	Lesson 16				8.5.16 Morgan 8 5 16 CUSD HW
Lesson 17 – Scaling One Dimensions	Lesson 17				8.5.17 Morgan 8 5 17 CUSD HW
Lesson 18 – Scaling Two Dimensions	Lesson 18	How volume changes from changing dimensions			8.5.18 Morgan 8 5 18 CUSD HW
Lesson 19 – Estimating a Hemisphere	Lesson 19				8.5.19 Morgan 8 5 19 CUSD HW
Lesson 20 – The Volume of a Sphere	Lesson 20	Volume of a sphere	Volume of spheres		8.5.20 Morgan 8 5 20 CUSD HW
Lesson 21 – Cylinders, Cones, and Spheres	Lesson 21		Volume of cylinders, spheres, and cones word problems Quiz 4		8.5.21 Morgan 8 5 21 CUSD HW
Lesson 22 – Volume as a Function of....	Lesson 22				8.5.22 Morgan
Unit 5 Review			Khan Academy Unit 5 Practice Test		Unit 5 Review

