

SCROLL DOWN FOR ANGLES, TRIANGLES, PRISMS resources

Grade 7 Accelerated – Unit 1: CIRCLES and Angles (7.3 + 7.7)					
<u>Download PDF of Student Edition</u> <u>Download PDF of Student Practice Work (Homework)</u>					
<u>Unit Summary for Parents - PDF File</u>					
Lesson Topic	IM Lesson	Khan Academy Support Videos	Khan Academy Online Practice	Class Notes	Homework Help
1 – How well can you measure?	<u>Lesson 1</u>				<u>7.3.1 Morgan</u>
2 – Exploring Circles	<u>Lesson 2</u>	<u>Labeling part of a circle</u>	<u>Radius and diameter</u>		<u>7.3.2 Morgan</u>
3 – Exploring Circumference	<u>Lesson 3</u>	<u>Radius, diameter, circumference and pi</u>			<u>7.3.3 Morgan</u>
4 – Applying Circumference	<u>Lesson 4</u>		<u>Circumference of a circle</u> <u>Circumference of parts of circles</u>		<u>7.3.4 Morgan</u>
5 – Circumference and Wheels	<u>Lesson 5</u>		<u>Circumference and rotations</u> <u>Quiz 1</u>		<u>7.3.5 Morgan</u>
6 – Estimating Areas	<u>Lesson 6</u>				<u>7.3.6 Morgan</u>
7 – Exploring the Area of a Circle	<u>Lesson 7</u>				<u>7.3.7 Morgan</u>
8 – Relating Area to Circumference	<u>Lesson 8</u>	<u>Area of a circle</u>	<u>Area of a circle</u>		<u>7.3.8 Morgan</u>

9 – Applying Area of Circles	Lesson 9	Area of a shaded region Partial circle area and arc length Radius and diameter from circumference	Shaded areas Area of parts of circles Quiz 2		7.3.9 Morgan
10 – Distinguishing Circumference and Area	Lesson 10		Area and circumference of circles challenge		7.3.10 Morgan
11 – Stained-Glass Window	Lesson 11				7.3.11 Morgan
Unit 3 Review			Khan Academy Unit 3 Test		Unit 3 Review Morgan

Unit 1: Circles and ANGLES (7.3 + 7.7)

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Lesson 1 – Relationships of Angles	Lesson 1	Angles: Introduction	Name angles		7.7.1 Morgan
Lesson 2 – Adjacent Angles	Lesson 2	Complementary & supplementary angles	Complementary and supplementary angles (visual) Complementary and supplementary angles (no visual)		7.7.2 Morgan

Lesson 3 – Nonadjacent Angles	Lesson 3	Vertical angles	Identifying supplementary, complementary, and vertical angles Vertical angles Finding missing angles Finding angle measures between intersecting lines		7.7.3 Morgan
Lesson 4 – Solving for Unknown Angles	Lesson 4				7.7.4 Morgan
Lesson 5 – Using Equations to Solve for Unknown Angles	Lesson 5	Equation practice with complementary angles Equation practice with supplementary angles	Create equations to solve for missing angles Unknown angle problems (with algebra) Quiz 1		7.7.5 Morgan
Lesson 6 – Building Polygons (Part 1)	Lesson 6				7.7.6 Morgan
Lesson 7 – Building Polygons (Part 2)	Lesson 7	Construct a triangle with constraints Triangle inequality theorem	Triangle side length rules		7.7.7 Morgan

Lesson 8 – Triangles with 3 Common Measures	Lesson 8				7.7.8 Morgan
Lesson 9 – Drawing Triangles (Part 1)	Lesson 9				7.7.9 Morgan
Lesson 10 – Drawing Triangles (Part 2)	Lesson 10	Construct a right isosceles triangle			7.7.10 Morgan
Lesson 11 – Slicing Solids	Lesson 11	Slicing a rectangular pyramid	Cross sections of 3D objects (basic)		7.7.11 Morgan
Lesson 12 – Volume of Right Prisms	Lesson 12	Volume of triangular prism and cube			7.7.12 Morgan
Lesson 13 – Decomposing Bases for Area	Lesson 13				7.7.13 Morgan
Lesson 14 – Surface Area of Right Prisms	Lesson 14				7.7.14 Morgan
Lesson 15 – Distinguishing Volume and Surface Area	Lesson 15		Volume and surface area word problems Quiz 2		7.7.15 Morgan
Lesson 16 – Applying Volume and Surface Area	Lesson 16				7.7.16 Morgan
Lesson 17 – Building Prisms	Lesson 17				
Unit 7 Review			Khan Academy Unit 7 Practice Test		