

Pre-Algebra Grade 8 Test Outline: Chapter 5/6/8
Pythagorean Theorem, Transformations and Volume/Surface Area

Chapter 5: Triangles and the Pythagorean Theorem:

<u>Sections:</u>	<u>Page Numbers</u>
Lesson 5: The Pythagorean Theorem IXL Grade 8: R1, R2, R5	(411 – 422)
Lesson 6: Use The Pythagorean Theorem IXL Grade 8: R4, R3	(423 – 430)
Lesson 7: Distance on the Coordinate Plane IXL Grade 8: N4	(431 – 438)

Chapter 6: Transformations:

<u>Sections:</u>	<u>Page Numbers</u>
Lesson 1: Translations IXL Grade 8: P2, P3, P4	(453 – 460)
Lesson 2: Reflections IXL Grade 8: P2, P5, P6	(461 – 474)
Lesson 3: Rotations IXL Grade 8: P2, P7, P8	(475 – 486)
Lesson 4: Dilations IXL Grade 8: Q2, Q3	(487 – 494)

Chapter 8: Volume and Surface Area:

<u>Sections:</u>	<u>Page Numbers</u>
Lesson 1: Volume of Cylinders IXL Grade 8: T9	(589 – 596)
Lesson 2: Volume of Cones IXL Grade 8: T10	(597 – 604)
Lesson 3: Volume of Spheres IXL Grade 8: T13	(605 – 612)
Lesson Extra: Compound Volume IXL Grade 8: none (see my online reviews for extra practice)	(class notes)

Something to remember ... to be eligible for Second Chance Learning, you must meet all of the requirements listed here: <https://www.cbsd.org/Page/21875>