Shari Algebra Marson Ma	Transformer Carles and the second sec	CHAPTER 1: TOOLS OF GEOMETRY Cornell Notes/Summary Sheet	Name: Period:
•	Lesson 1.1 – Big Ideas Name points, lines, planes, rays, and line segments using proper symbolic notation Intersections of lines and planes Skew vs. coplanar lines	<u>Your Notes</u>	
•	Lesson 1.2 – Big Ideas Distance formula Translations Copying & duplicating line segments	<u>Your Notes</u>	
•	Lesson 1.3 – Big Ideas What does it mean to <u>bisect</u> a segment? What is the midpoint of a segment? Midpoint formula Bisecting a line segment & locating its midpoint	<u>Your Notes</u>	

Lesson 1.4 – Big Ideas	Your Notes
• Translations	
• Copying & duplicating angles	
• What does it mean to <u>bisect</u> an angle?	
• Bisecting angles	
Lesson 1.5 Did Ideas	Vour Notos
Lesson 1.5 - Dig lucas	Tour notes
• Parallel vs. perpendicular lines	
• Writing equations of lines	
• Horizontal & vertical lines	
• Calculating the distance between a line & a point not on the line	
l esson 1.6 – Big Ideas	Your Notes
 Constructing perpendicular lines, parallel lines, equilateral & isosceles triangles, squares, and rectangles 	
Lesson 1.7 – Big Ideas	Your Notes
• Constructing the incenter, circumcenter, centroid, & orthocenter of a triangle	
 Locating points of 	
concurrency using algebra	