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| --- | --- | --- |
| **How is Geometry used in Everyday life & Careers?** | | |
| I can | Perform geometric constructions: perpendicular line segments  Parallel line segments  Perpendicular bisectors  Angle bisectors | |
| I can | Describe the characteristics of 3-D objects and 2-D shapes, and analyze the relationship among them. | |
|  |  | |
| I can | Describe and analyze position and motion of objects and shapes | |
| I can | Identifiy and plot points in the four quadrants of a Cartesian plane, using order pairs | |
| I can | Perform and describe transformations of a Cartesian plane | |
|  |  | |
|  | Each I can statement is worth 10 marks.  Total /50 | |
|  |  | |
| Math Process | | |
| I can:  Communication [C]  Connections [CN]  Mental Mathematics and  Estimation [ME]  Problem Solving [PS]  Reasoning [R]  Technology [T]  Visualization [V] | | • communicate in order to learn and express my understanding  • connect mathematical ideas to other concepts in mathematics, to everyday experiences and to other disciplines  • demonstrate fluency with mental mathematics and estimation  • develop and apply new mathematical knowledge through problem solving  • develop mathematical reasoning  • select and use technologies as tools for learning and for solving problems  • develop visualization skills to assist in processing information, making connections and solving problems. |

Unit 8 Geometry