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| **How is Geometry used in Everyday life & Careers?** |
| I can | Perform geometric constructions: perpendicular line segmentsParallel line segmentsPerpendicular bisectorsAngle 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