**Unit 2A Learning Objectives**

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| ***L.O*** | ***Page #:*** | ***What am I learning?*** | ***How will I show that I learned it?*** |
| 2A.1 | 1-2 | **How to…** explain and use the characteristics of triangles | **I can…**Add interior angles in a triangle to 180 and set exterior angles equal to the sum of the two non-adjacent interior angles |
| 2A.2 | 3-4 | **How to…**explain and use the characteristics of equilateral and isosceles triangles | **I can…**Use congruent sides and angles in equilateral triangles and the base angle theorem in isosceles triangles. |
| 2A.3 | 5 | **How to…**prove all types of triangles on the coordinate plane | **I can…**Use slope and distance formula to prove congruent and perpendicular sides in triangles. |
| 2A.4 | 6-7 | **How to…**describe and use the different angle relationships in parallel lines | **I can…**Use the angle relationships in parallel lines cut by a transversal to create equations equal to each other or equal to 180. |
| 2A.5 | 8-10 | **How to…**explain and use the different characteristics and properties of all types of parallelograms | **I can…**use the specific properties of parallelograms, rhombi, rectangles, and squares |
| 2A.6 | 11-12 | **How to…**prove all types of parallelograms on the coordinate plane | **I can…**Use slope and distance formula to prove congruent, parallel, and perpendicular sides and diagonals. |

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