

QUARTER 3 EQT TESTED STANDARDS

I CAN...

16. Verify experimentally the properties of rotations, reflections, and translations. [8.G.1]
- a) Lines are taken to lines, and line segments are taken to line segments of the same length. [8. G.1a]
 - b) Angles are taken to angles of the same measure. [8.G.1b]
 - c) Parallel lines are taken to parallel lines. [8.G.1c]

I CAN...

17. Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them. [8.G.2]

I CAN...

18. Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates. [8.G.3]

I CAN...

19. Understand that a two-dimensional figure is similar to another if the second can be obtained from the first by a sequence of rotations, reflections, translations, and dilations; given two similar two-dimensional figures, describe a sequence that exhibits the similarity between them. [8.G.4]

I CAN...

20. Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. [8.G.5]

I CAN...

22. Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. [8-G7]