

# Integrated 1 Khan Academy Work

April 13<sup>th</sup> - April 17<sup>th</sup> 2020

**\*Remember\***-All work below has a due date of Friday April 17<sup>th</sup> by 11:59pm. Therefore, you can work at any pace you would like as long as everything below is complete by 4/17/2020 at 11:59pm. **BE SURE TO WORK IN ORDER OF WHAT IS LISTED BELOW!!!**

**\*Remember\*** - You must watch videos ALL THE WAY THROUGH to receive credit. You can do the exercises/practice problems several times so you need to earn 100% for full credit. You can also try the quiz at the end several times to improve your assessment grade.

This weeks work will be on standard 8.G.A.5: I can 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.

**\*\*If you want to read more, this work aligns with sections 11.1, 11.2, 12.1, and 12.2 in your textbook.\*\***

<b>Monday April 13<sup>th</sup></b>
a) Angels, Parallel Lines, & Transversals (Video - 7 mins) b) Parallel and Perpendicular Lines (Video - 3 mins) c) Missing Angles with a Transversal (Video - 2 mins) d) Angle Relationships with Parallel Lines (Exercises - 7 problems)
<b>Tuesday April 14<sup>th</sup></b>
a) Measures of Angles Formed by a Transversal (Video - 4 mins) b) Equation Practice with Angle Addition (Exercises - 4 problems) c) Equation Practice with Angles (Exercises - 4 problems) d) Angles in a Triangle Sum to 180 Proof (Video - 4 mins)
<b>Wednesday April 15<sup>th</sup></b>
a) Finding Angles in Triangles (Exercises - 7 problems) b) Isosceles & Equilateral Triangles Problems (Video - 6 mins) c) Finding Angles in Isosceles Triangles (Exercises - 4 problems) d) Triangle Exterior Angle Example (Video - 6 mins)
<b>Thursday April 16<sup>th</sup></b>
a) Worked Example: Triangle Angles (Intersecting Lines) (Video - 4 mins) b) Worked Example: Triangle Angles (Diagram) (Video - 5 mins) c) Finding Angle Measures Using Triangles (Exercises - 7 problems) d) Triangle Angle Challenge Problem (Video - 8 mins)
<b>Friday April 17<sup>th</sup></b>
a) Triangle Angle Challenge Problem 2 (Video - 6 mins) b) Triangle Angles Review (Article with 3 practice problems) c) Geometry Quiz 1 (Assessment - 5 problems)

## GRADING → Practice Work

Videos: You earn 1 point for watching each full video.

Exercises: You earn 2 points per set of exercises completed to 100%.

## Assessments

Quiz: This week's quiz is out of 5 assessment points.