

M155 Coordinate Geometry Badge Portfolio: A Showcase of Your Learning

Section 1: Required Tasks

Show off what you did! Submit work (or another agreed upon way of showing your thinking) for each of the tasks listed below.

	I Can Statements	Required Tasks	Student Reflection: What new learning does the task showcase?
155.a	Use similarity to explain the meaning of trigonometric ratios.	<ul style="list-style-type: none">IM Geometry: Unit 4 Lesson 5 Activity 2: Solve All The Triangles	
155.c	Use trigonometric ratios to solve right triangles in applied problems.	<ul style="list-style-type: none">IM Geometry: Unit 4 Lesson 9 Activity 1: Leaning Ladders	

Section 2: Choose Your Favorites

Show off your favorite work! For each expectation, SELECT at least one task from each group to demonstrate what you are learning. Which work do you feel best showcases all of the math you have learned?

	I Can Statements	Select at least one from each set	Student Reflection: What new learning does the task showcase?
155.a	Use similarity to explain the meaning of trigonometric ratios.	(Optional if additional evidence is needed) <ul style="list-style-type: none"> IM Geometry: Unit 4 Lesson 4 Warm-up: Ratio Rivalry IM Geometry: Unit 4 Lesson 5 Cool-down: Solve the Triangle 	
155.b	Explain and use the relationship between the sine and cosine of complementary angles.	<ul style="list-style-type: none"> IM Geometry: Unit 4 Lesson 8 Activity 2: Explain the Co-nection IM Geometry: Unit 4 Lesson 8 Cool-down: Cosines Complement 	
155.c	Use trigonometric ratios to solve right triangles in applied problems.	(Optional if additional evidence is needed) <ul style="list-style-type: none"> IM Geometry: Unit 4 Lesson 9 Activity 1: From Ratios to Angles 	