

Unit 4 Trigonometry Part 1

Date	Lesson/Topics	Khan Academy Videos/Exercise Sets	Done?	
Mon 4/20	Live Session: <ul style="list-style-type: none"> • Discuss first week pace • Introduce new unit 			
	Lesson 1: Intro to trig ratios	Article	Hypotenuse, opposite and adjacent	
		Video	Intro to trig ratios (9min)	
		Article	Trig ratios in right triangles	
		Video	Trig ratios in right triangles(12min)	
		Exercise	Trig ratios in right triangles (4 problems)	
	Lesson 2: Solving for a side in a right triangle using trig ratios	Article	Solving for a side in right triangles with trig	
		Video	Solving for a side in right triangles with trig (7min)	
		Exercise	Solve for a side in right triangles (4 problems)	
	Lesson 3: Solving for an angle in a right triangle using trig ratios	Article	Intro to inverse trig functions	
Exercise		Solve for an angle in right triangles (4 problems)		
Delta Math Practice Assignment Unit 4 #1	Exercise	Due by Friday April 24, 2020		
Wed 4/22	Live Session: <ul style="list-style-type: none"> • Answer questions for Lessons 1, 2 and 3 			
	Lesson 4: Modeling with right triangles	Video	Right triangle word problem (4min)	
		Article	Angles of elevation and depression	
		Exercise	Right triangle trig word problems (4 problems)	
		Article	Right triangle trig review	
	Lesson 5: Trig ratios and similarity	Video	Triangle similarity and trig ratios (8min)	
		Video	Trig challenge problem: verify identities (5min)	
		Video	Trig challenge problem: trig values and side ratios (9min)	
	Lesson 6: Sine and cosine of complementary angles	Article	Sine and cosine of complementary angles	
		Video	Sine and cosine of complementary angles (4min)	
		Video	Using complementary angles (4min)	
		Video	Trig word problem: complementary angles (5min)	
	Friday 4/24	<u>Quizizz Assginment</u> Enter the code: 9 5 6 4 7 0	Exercise	Due by Monday May 4, 2020