Teacher DeLaMora Subject Algebra 2 Dates 4/20-24/20 (Week 1) 7-12 Weekly Planner Welcome to our Distance Learning Classroom!
Student Time Expectation per day: 30 minutes

Content Area & Materials	Learning Objectives	Tasks	Check-in O	• •	ubmission of Work for rades
Digital (If you can work digitally, please do. It will help to keep us all safe (3)) • Khan Academy (KA) • Summary Assignment Posted on Classroom Website and sent via Remind App.	Suggested Order / Pacir Right-Triangle Trigonometry Pythagorean Theorem (Monday) Special Right Triangl (Tuesday) Trig Ratios (Wednesday) Solving Triangles: Khan + Posted Vide (Thursday) Summary Assignmen (Friday)	complete the assigned KhanAcade assignments After complete the complete the summary assignments assig	during the of the times independent of the tim	Mora is available office hours at dicated below. 0 – 2:00 pm aday-Friday ind App DE: 9b69ee lamora@tusd.net ne	KA assignments will be recorded with the highest scores attained Submit the summary assignment through a picture via Remind App. (Scored on Accuracy)
Hard Copy (Please only use this if you do not have technology available) Notes + Examples Assignments	Suggested Order / Pacin Right-Triangle Trigonometry Pythagorean Theore (Monday) Special Right Triangle (Tuesday) Trig Ratios (Wednesday) Solving Triangles (Thursday) Summary Assignmen (Friday)	the lesson are examples property. On a separate of paper for assignment, ALL problem your work.	Students are to read the lesson and examples provided On a separate sheet of paper for each assignment, complete ALL problems showing your work. Mrs. De La Mora is available during the office hours at the times indicated below. • 12:00 – 2:00 pm Monday-Friday • Remind App CODE: 9b69ee • <u>adelamora@tusd.net</u> • Phone		Group your work together for your math class IN ORDER, and with the following labels clearly displayed: udent Name: eacher Name: lass Name/Subject: eriod: ssignment Week # Assignments will be scored on accuracy.
Scheduled, if possible, • Discussion	Zoom classes can be held during tutoring hours. Schedule your meetings by visiting the class website: kimballmath.wordpress.com Discussions will revolve around discovery and application of concepts assigned for the week.				
Scaffolds & Supports	KA assignments can often be re-tried to improve learning. Videos are utilized to demonstrate not only key concepts, but also frequent points of errors, helping students avoid pitfalls.				
Teacher Office Hours 2 hours daily (all classes): Contact Platform	Monday 12:00 – 2:00 pm	Tuesday 12:00 – 2:00 pm	Wednesday 12:00 – 2:00 pm	Thursday 12:00 – 2:00 pm	Friday 12:00 – 2:00 pm

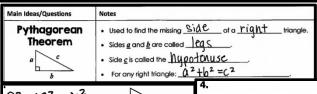
Student Name: Teacher Name: De La Mora Class Name/Subject: Algebra 2

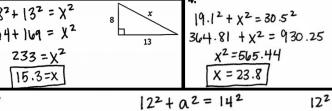
Period: Assignment Week #: 1 NOTES: Complete all work on a separate sheet of paper. Include the heading provided on each worksheet you turn in. Show all work.

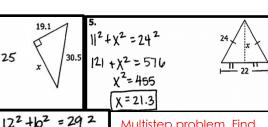
Monday

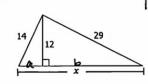
Answer *exactly*, using a *simplified radical* if needed.

Do not convert to decimals unless the problem starts with a decimal. Round your answer to the nearest hundredth.









5/3

$$144 + \alpha^{2} = 196$$

$$\alpha^{2} = 52$$

$$\alpha = 7.2$$

$$12^{4} + b^{2} = 841$$

$$b^{2} = 697$$

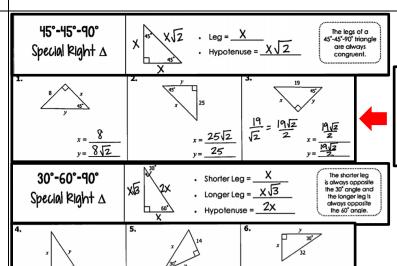
$$b = 26.4$$

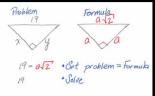
$$X = 7.2 + 26.4 = 33.6$$

Multistep problem. Find the missing side using Pythagorean theorem. Use this information to solve for the needed piece of information.

Tuesday

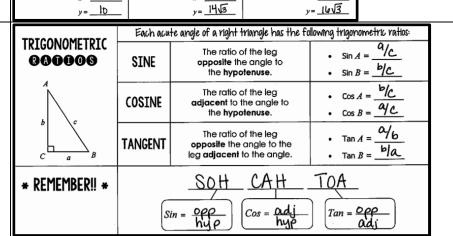
Answer **exactly**, using a **simplified radical** if needed.





Wednesday

Ratios must be exact answers. *Do not convert to decimals.*



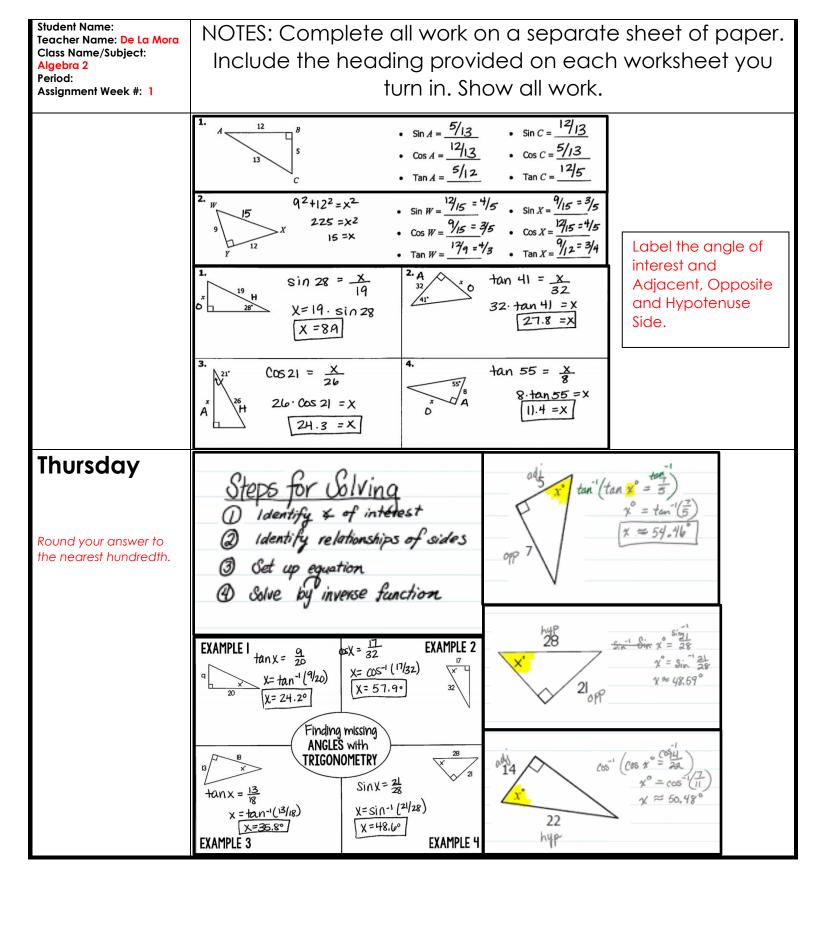
28

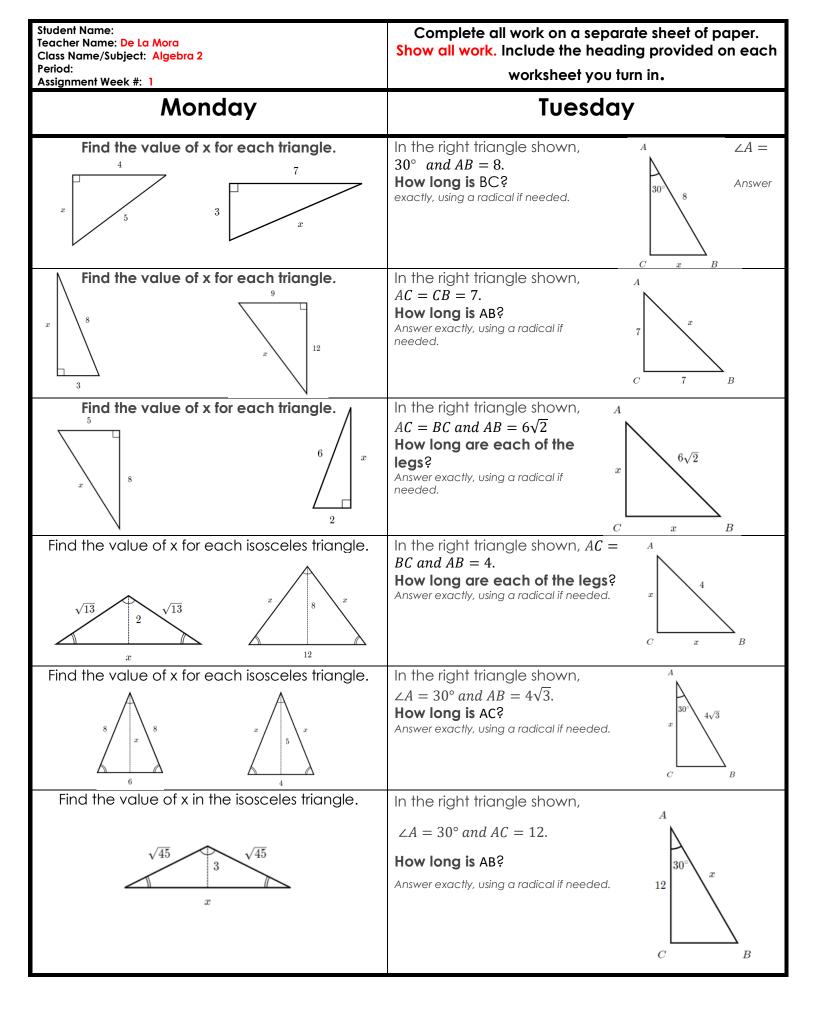
16

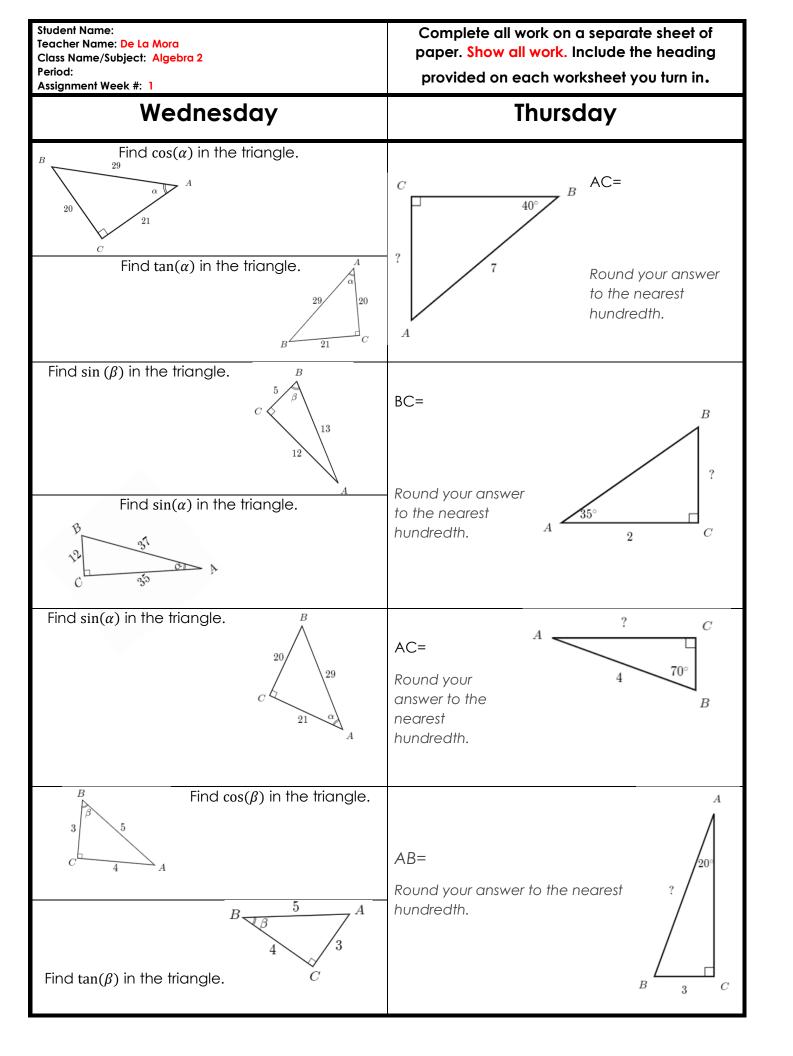
Hypotenuse Opposite CAH
Adjacent

Opposite

Always identify the angle of interest and the sides provided.







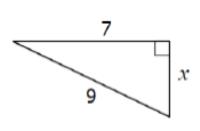
Summary Assignment Week#1

SHOW YOUR WORK on a separate sheet of paper.

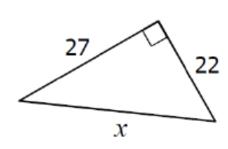
Student Name:	
Teacher Name:	
Subject:	Algebra 2
Period:	
Week:	#1

Use the Pythagorean Theorem and Trigonometric Ratios to identify the unknown values. Answers for lengths should be exact, using a radical if needed. Answers for angles should be rounded to the nearest hundredth.

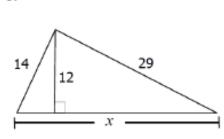
1.



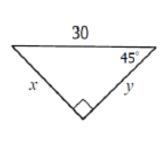
2



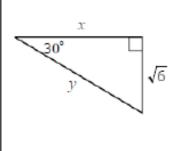
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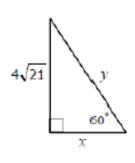
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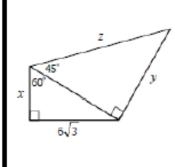
5.



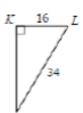
6.



7.

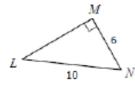


8. Find each trig ratio as a simplified fraction.

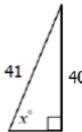


- Sin M =___
- Cos M = ____
- Tan M = ____

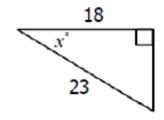
9. Find each trig ratio as a simplified fraction.



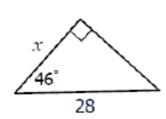
 Solve for x. Round to the nearest hundredth.



 Solve for x. Round to the nearest hundredth.



 Find the value of x.
 Round to the nearest tenth.



13. Find m4W.

