

NAME: _____

Unit 6 – Trigonometry HW list

Tentative TEST date _____



Big idea/Learning Goals

In this unit you will review how to use Pythagorean Theorem. Then you will learn how to use SINE, COSine, and TANgent buttons on the calculator to solve for sides or angles of right triangles. Make sure your calculator is in DEGREE mode so that the answers will always come up correctly. This unit is an introduction to what you will learn in grade 11. There are a lot of real life applications for trigonometry – these you will see in the word problems of this unit.

You need your own calculator for this unit!

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca



Success Criteria

Date	DAY	Topics	Done?	Corrected?
	1	Pythagorean Theorem		
	2	Primary Trig Ratios – SOH CAH TOA		
	3	More Practice SOH CAH TOA		
	4	Similar Triangles		
	5	More Similar Triangles		
	6	Solve Word Problems		
	7	Practice Test		



Reflect/Communication – previous TEST mark _____, Overall mark now _____.

Complete the next page to test your **Self Regulation** skills. Based on your rating:

1. What have you recently improved upon?

2. What will you try to work on next?

3. Describe how you feel about your current mark in math

4. Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS:

$$\begin{aligned} \text{potential final mark} &= (\text{overall mark now})(\text{weight so far}) + (\text{guess at your future mark})(\text{weight to come}) \\ &= (\quad) (0.65) + (\quad) (0.35) \\ &= \quad + \quad \\ \text{potential final mark} &= \end{aligned}$$

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Test your Self Regulation

Select any and all issues you've had before

- Sometimes didn't notice when teacher was trying to get my attention, didn't settle down quickly
- Forgot to raise hand. When I knew the answer I blurted it out
- Forgot to stay seated when it was appropriate for me to do so
- Got distracted by my electronic device at a time when it was inappropriate for me to do so
- Had the teacher call my name more than twice so far as a reminder to focus
- Laughed at the mistakes of others
- Got distracted by friends talking to me during practice time
- Didn't respect personal boundaries (grabbed stuff without permission/pushed/hit/engaged in any scuffle)
- Stayed up late and then slept or unfocused in class
- Was late to this class more than 2 times
- Back talked to the teacher when I got a warning or didn't comply right away to a request
- Didn't act on areas that needed improvement, got the same warnings/requests from the teacher over and over

- Never had issues with any of the above

Based on above, rate your SELF REGULATION skill

- Excellent - no issues
- Good - 1 or 2 selected
- Satisfactory - 3 or 4 selected
- Needs Improvement - more than 4 selected