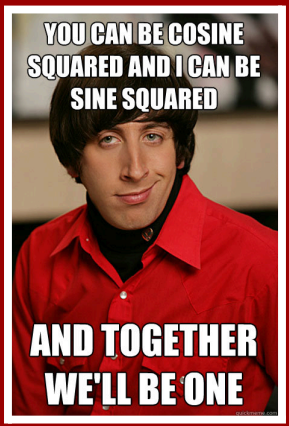


PRECALC – UNIT 4 ASSIGNMENT GUIDE

Trig Identities and Solving Trig Equations

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	12/6/24 *PM Assembly	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Pages 3 - 4** **4.1 Day 1 HW** Do table on top of pg. 3 Then choose 10 problems between pages 3 and 4.	Notes and HW Solutions
2	12/9/24	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Page 6 - Choose 3 problems to complete** **4.1 Day 2 HW**	Notes and HW Solutions
3	12/11/24 *9:40 LS	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	Solutions
4	12/12/24	**4.2 - Trig Identities** Verifying Equations	**Page 9-10 - Pick 4 problems to complete**	Notes & Solutions
5	12/13/24	**4.2 - Trig Identities** Verifying Equations	**Pages 11-14** **Phases 1-4**	Solutions to in-class practice
6	12/16/24	**4.3 - Solving Trig Equations using Identities**	**Pg. 17 - Pick 4** **4.3 Day 1 WS**	Solutions
7	Skip	~~**4.3 - Solving Trig Equations using Identities**~~	~~**Pg. 20**~~ ~~**4.3 Day 2 WS**~~	~~Solutions~~
8	12/17/24	**Unit 4 Review** Sum and Difference & Solving Trig Equations with Identities	**Pgs. 21-22** **Unit 4 Review WS**	Solutions
9	**12/19/24**	**Unit 4 Assessment**		

Have a great winter break!

HAPPY HOLIDAYS!!

2023

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	12/11/23	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Pages 3 - 4** **4.1 Day 1 HW** Do table on top of pg. 3 Then choose 10 problems between pages 3 and 4.	Notes and HW Solutions
2	12/12/23	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Page 6 - Choose 3 problems to complete** **4.1 Day 2 HW**	Notes and HW Solutions
3	12/13/23 *9:40 LS	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	Solutions
4	12/14/23	**4.2 - Trig Identities** Verifying Equations	**Page 9-10 - Pick 4 problems to complete**	Notes & Solutions
5	12/15/23	**4.2 - Trig Identities**	**Pages 11-14**	Solutions to

		Verifying Equations	**Phases 1-4**	**in-class practice**
6	12/18/23	**4.3 - Solving Trig Equations using Identities**	**4.3 Day 1 WS**	**Solutions**
7	12/19/23	**Unit 4 Review** Sum and Difference & Solving Trig Equations with Identities	**Unit 4 Review WS**	**Solutions**
8	FINAL EXAM PERIOD 12/20-12/22	**Unit 4 Assessment**		

2022

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	12/15/22	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Pages 3 - 4** **4.1 Day 1 HW** Do table on top of pg. 3 Then choose 10 problems between pages 3 and 4.	**Notes and HW Solutions**
2	12/16/22	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Page 6** **4.1 Day 2 HW**	**Notes and HW Solutions**
3	—-	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	**Solutions**
4	12/19/22	**4.2 - Trig Identities** Verifying Equations	**Page 9-10 - Pick 4 problems to complete**	**Notes & Solutions**
5	12/20/22	**4.2 - Trig Identities** Verifying Equations	**Pages 11-14** **Phases 1-4**	**Solutions to in-class practice**
6	DAY OF FINAL EXAM PERIOD	**4.1-4.2 Quiz**		

2021

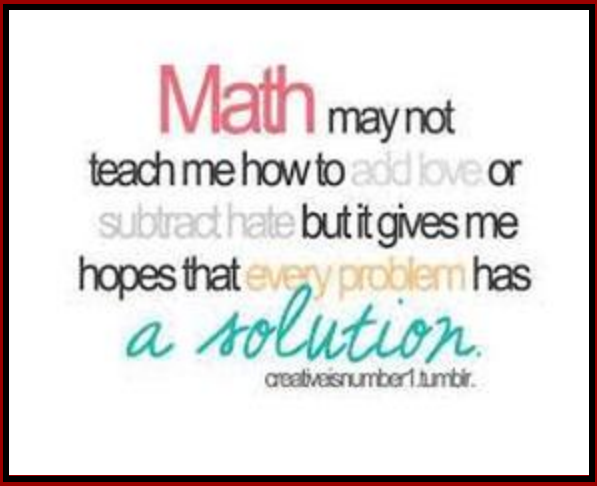
Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions

1	12/7/21 12/8/21	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Pages 3 - 4** **4.1 Day 1 HW**	**Notes and HW** **Solutions**
2	12/9/21	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Page 6 *skip #4** **4.1 Day 2 HW**	**Notes and HW** **Solutions**
3	12/10/21	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	**Solutions**
4	12/13/21	**4.2 - Trig Identities** Verifying Equations	**Page9 - Pick 4 problems to complete**	**Notes &** **Solutions**
5	12/14/21	**4.2 - Trig Identities** Verifying Equations	**Pages 11-14** **Phases 1-4**	**Solutions to in-class practice**
6	DAY OF FINAL EXAM PERIOD	**4.1-4.2 Quiz**		
7		**4.3 - Solving Trig Equations using Identities**	**4.3 Day 1 WS**	**Solutions**
8		**4.3 - Solving Trig Equations using Identities**	**4.3 Day 2 WS**	**Solutions**
9		**4.4 - Sum and Difference** Sine and Cosine	**Pgs. 3-4** **4.4 Day 1 WS**	**Notes** **Solutions**
10		**4.4 - Sum and Difference** Tangent	**Pgs. 7-8** **4.4 Day 2 WS**	**Notes** **Answers on the bottom of pg. 8**
11		**4.4 - Sum and Difference** Identities + Start Unit 4 Review		**Notes**
12		**Unit 4 Review** Sum and Difference & Solving Trig Equations with Identities	**Unit 4 Review WS**	**Solutions**
13		**Unit 4 Assessment**	**FINAL EXAM REVIEW**	

2019

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	11/25/19	**4.1 - Trig Identities**	**Pages 3-4**	**Notes and HW**

		Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**4.1 Day 1 HW**	**Solutions**
1.5	11/26/19	**Glaubke's home with a sick kid :(** **Finish pages 3 and 4 in your packet and enjoy some Charlie Brown :)**	**Pages 3-4** Have a great Thanksgiving break! 	**Notes and HW** **Solutions**
2	12/2/19	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**Page 6** **4.1 Day 2 HW**	**Notes and HW** **Solutions**
3	12/3/19	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	**Solutions**
4	12/4/19	**4.2 - Trig Identities** Verifying Equations	**Page 10 - Pick 5 of the 6 problems to complete**	**Notes &** **Solutions**
5	12/5/19	**4.2 - Trig Identities** Verifying Equations	**4.2 Day 3 worksheets** ***Pick at least 5 identities on the green sheet!***	**Solutions to in-class practice**
6	12/6/19	**4.1-4.2 Quiz**	**Semester 1 Review WS (pink)**	**Solutions**
7	SKIP	**~~4.3 - Solving Trig Equations using Identities~~**	**~~4.3 Day 1 WS~~**	**~~Solutions~~**
8	SKIP	**~~4.3 - Solving Trig Equations using Identities~~**	**~~4.3 Day 2 WS~~**	**~~Solutions~~**
9	12/9/19	**4.4 - Sum and Difference** Sine and Cosine	**Pgs. 3-4** **4.4 Day 1 WS**	**Notes** **Solutions**
10	12/10/19	**4.4 - Sum and Difference** Tangent	**Pgs. 7-8** **4.4 Day 2 WS**	**Notes** **Answers on the bottom of pg. 8**
11	12/11/19	**4.4 - Sum and Difference** Identities + Start Unit 4 Review		**Notes**
12	12/12/19	**Unit 4 Review** Sum and Difference & Solving Trig Equations with Identities	**Unit 4 Review WS**	**Solutions**
13	12/13/19	**Unit 4 Assessment**	**FINAL EXAM REVIEW**	


Math may not
teach me how to add love or
subtract hate but it gives me
hopes that every problem has
a solution.
creativeisnumber1.tumblr.

2018

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	12/4/18	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**4.1 Day 1 HW**	**Notes and HW Solutions**
2	12/5/18	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**4.1 Day 2 HW**	**Notes and HW Solutions**
3	12/6/18	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	**Solutions**
4	12/7/18	**4.2 - Trig Identities** Verifying Equations	**4.2 Day 1 WS (green)**	**Solutions**
5	12/10/18	**4.2 - Trig Identities** Verifying Equations	**4.2 Day 3 worksheets** ***Pick at least 5 identities on the green sheet!***	**Solutions to in-class practice**
~~6~~	skip	**~~4.3 - Solving Trig Equations using Identities~~**	**~~4.3 Day 1 WS~~**	**~~Solutions~~**
~~7~~	skip	**~~4.3 - Solving Trig Equations using Identities~~**	**~~4.3 Day 2 WS~~**	**~~Solutions~~**
8	12/11/18	**4.4 - Sum and Difference** Sine and Cosine	**4.3 Day 1 WS**	**Solutions**
9	12/12/18	**Unit 4 Review** Sum and Difference & Solving Trig Equations with Identities	**Unit 4 Review WS**	**Solutions**
10	12/13/18	**Unit 4 Assessment**		

Day #	Date	IN CLASS	ASSIGNMENTS	Notes/ Solutions
1	11/15/17	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**4.1 Day 1 HW**	**Notes and HW Solutions**
2	11/16/17	**4.1 - Trig Identities** Simplifying trig expressions using the reciprocal, quotient, and Pythagorean identities	**4.1 Day 2 HW**	**Notes and HW Solutions**
3	11/17/17	**4.1 - Trig Identities**	**4.1 Day 3 LEVELS**	**Solutions**
4	11/20/17	**4.2 - Trig Identities** Verifying Equations	**4.2 Day 1 WS (green)**	**Solutions**
5	11/21/17	**4.2 - Trig Identities** Verifying Equations	~~**4.2 Day 3 worksheets**~~ ~~***Pick at least 5 identities on the green sheet!***~~ **TAKE-HOME QUIZ**	**Solutions to in-class practice**
6	COMPLETE OVER BREAK	**4.1-4.2 Take-Home Quiz**		
7	11/27/17	**4.3 - Solving Trig Equations using Identities**	**4.3 Day 1 WS**	**Solutions**
~~**8**~~	SKIPPED	~~**4.3 - Solving Trig Equations using Identities**~~	~~**4.3 Day 2 WS**~~	~~**Solutions**~~
9	11/28/17	**4.4 - Sum and Difference** Sine and Cosine	~~**4.3 Day 1 WS**~~ **Complete pg. 3 in booklet**	~~**Solutions**~~ **Solutions**
10	11/29/17	**4.4 - Sum and Difference** Tangent	**Start the practice packet**	
11	11/30/17	**4.4 - Sum and Difference** ~~Verifying Identities &~~ Practice	**Finish the practice packet**	**Solutions**
12	12/1/17	**4.3-4.4 Review**	**4.3 Review Packet**	**Solutions**

		Sum and Difference & Solving Trig Equations with Identities		
13	12/4/15	**More Unit 4 Review**	**Unit 4 Review - Part 2**	**Solutions**
14	12/5/17	**Unit 4 Test**		