

Honors Precalculus

Summer Trigonometry Work – Optional (helps to prepare for test the first week)

If you have chosen to complete the summer trig packet, below you will find a list of assignments. In order to complete the work, you will need to check out the Blitzer Pre-Calculus book from our library the week following the last day of school. The Library Staff will be able to check out materials on the following days:

ID Card is necessary (WR , RP, Castaic, Einstein or Other ID card)

Parents may pick up for student

June 6, 7, 13, 14, 20, and 21 - 9:00-12:00

Call for appointment 661-222-1220 x 132

Damage report will need to be returned for materials. All accounts (overdues, fines, lost books must be paid). Keep in mind that you will not be allowed to check out the Pre-Calc book until all of this year's books have been turned in. Early check-out of the Pre-Calc book is a privilege, so please turn in your old books ASAP.

You need to fully memorize the unit circle and be extremely comfortable with using it. To that end, I have also attached a series of half-sheets of Unit Circle Practice. You should be able to answer these types of problems easily and quickly.

Throughout the summer, feel free to email Mrs. Brosche (tbrosche@hartdistrict.org) with any questions.

On the second day of class, you will be tested on the trig information learned/studied over the summer. You will receive a review packet the first day of classes to help you prepare. **You must complete the test with a B or better in order to remain scheduled in the Honors Pre-Calc class. If you do not meet the requirements, you will be moved to a regular Pre-Calc class.**

Here are the assignments that should be completed prior to the first day of school:

Assignments	Completed/Questions
1) Read Section 4.1. Complete p. 458 - #1-73 odds	
2) Read Section 4.2. Complete p. 472 - #1-69 odds	
3) Read Section 4.3. Complete p. 484 - #1-59 odds	
4) Read Section 4.4. Complete p. 499 - #1-85 odds	
5) Read Section 4.5. Complete p. 518 - #1-59 odds	
6) Read Section 4.6. Complete p. 531 - #1-39 odds	
7) Read Section 4.7.	
8) Read Section 4.8. Complete p. 557 - #1-49 odds	
9) Read Section 5.1. Complete p. 578 - #1-59 every other odd	
10) Read Section 5.2. Complete p. 587 - #1-47 odds	
11) Read Section 5.3. Complete p. 597 - #1-21 odds, and #39-57 odds	
12) Read Section 5.5. Complete p. 619 - #1-49 every other odd	
13) Read Section 6.1. Complete p. 635 - #1-35 odds	
14) Read Section 6.2. Complete p. 643 - #1-23 odds	

Also, right before taking the test in August, you may want to complete the reviews at the end of each chapter to help you prepare.

UNIT CIRCLE PRACTICE

Find the following:

1. $\sin 150^\circ$

2. $\cos 210^\circ$

3. $\tan 330^\circ$

4. $\csc 90^\circ$

5. $\sec 315^\circ$

6. $\cot 240^\circ$

7. $\sin \frac{3\pi}{4}$

8. $\cos \frac{7\pi}{6}$

9. $\tan \frac{\pi}{3}$

10. $\csc \frac{2\pi}{3}$

11. $\sec \frac{11\pi}{6}$

12. $\cot \frac{4\pi}{3}$

Find the following:

1. $\sin 120^\circ$

2. $\cos 240^\circ$

3. $\tan 300^\circ$

4. $\csc 120^\circ$

5. $\sec 330^\circ$

6. $\cot 210^\circ$

7. $\sin \frac{5\pi}{4}$

8. $\cos \frac{\pi}{6}$

9. $\tan \frac{2\pi}{3}$

10. $\csc \frac{5\pi}{3}$

11. $\sec \frac{7\pi}{6}$

12. $\cot \frac{\pi}{3}$

Find the following:

1. $\cos 120^\circ$

2. $\sin 240^\circ$

3. $\cot 300^\circ$

4. $\sec 120^\circ$

5. $\cos 330^\circ$

6. $\tan 210^\circ$

7. $\cos \frac{5\pi}{4}$

8. $\sin \frac{\pi}{6}$

9. $\cot \frac{2\pi}{3}$

10. $\sec \frac{5\pi}{3}$

11. $\cos \frac{7\pi}{6}$

12. $\tan \frac{\pi}{3}$