

# ALGEBRA 2

Mon., May 1

Sec. 1.2 p. 15  
15, 21-27 odd

Sec. 3.1 pp. 72-73  
6, 8, 9, 27, 29, 33

Sec. 1.3 p. 20  
30 sin x, 33 cos x,  
46 sec x, 49 cot x

Sec. 1.4 pp. 25-26  
13-20, 37-40, 42, 45-51

End-of-Year  
Journal Due  
Today!

Wed., May 3

Sec. 1.4 pp. 25-26  
62 sec  $\theta$ , 63 cot  $\theta$ , 64 csc  $\theta$ , 66 sec  $\alpha$

Sec. 2.1 pp. 32-33  
10, 13, 15, 16

Sec. 2.6 pp. 62-65  
1, 3, 10, 26, 27, 32

Fri., May 5

Special Angle Worksheet—Degrees

Tues., May 9

Special Angle Worksheet—Radians

*You must show a picture of the angle & label the reference angle on all problems!*

Thurs., May 11

Sec. 5.1 p. 130  
17-26, 27, 30, 32, 34, 39, 40

PORTFOLIOS DUE

Mon., May 15

Review Trigonometry

Wed., May 17

## TRIGONOMETRY TEST



Have a Great Summer!



## ANSWERS

### Sec. 1.3 p. 20

30.  $-\frac{5}{13}$   
46.  $-\frac{3\sqrt{7}}{7}$

### Sec. 1.4 pp. 25-26

14. I  
16. I and III  
18. I  
20. III  
62.  $-\sqrt{10}$   
64.  $\frac{8\sqrt{39}}{39}$   
66.  $\frac{7\sqrt{6}}{12}$   
68.  $-\frac{\sqrt{3}}{2}$

- 
38. Impossible  
40. Possible  
42. Possible  
46. Impossible  
48. Possible  
50. Possible

### Sec. 2.1 pp. 32-33

10.  $\tan 17^\circ$   
16.  $\cos 51^\circ 31'$

### Sec. 2.6 pp. 62-65

10. 8,200 feet  
26.  $33^\circ$   
32. a) 319 m  
b) 604 m  
c)  $75^\circ$

### Sec. 3.1. pp. 72-73

6.  $\frac{3\pi}{4}$   
8.  $\frac{3\pi}{2}$

### Sec. 5.1 p. 130

18. D  
20. C  
22. C  
24. E  
26. B  
30.  $\frac{1}{\sin^2 x}$   
32. 1  
34.  $\sin \alpha$   
40.  $\sin^2 t \cos^2 t$