**Honors Math 3 Trigonometry Unit Review Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Express the following in degrees:*** 1. 2. 3.

***Express the following in radians:*** 4. -75° 5. 36° 6. 250°

***Name the quadrant(s) in which lies if:*** 7. 8.

 9. 10.

 11. 12.

13. Given point (-4, -6) on the terminal side of find the six trig functions of .

14. Given that and cos , find

15. Given that cos and sin find sin .

***Find the following values:***

16. 17. 18.

19. 20. 21.

*Graph the following:*

22. 23. 24. y =

25. 26.

***Write the equation of the function shown:***

27.

***Simplify the following:***

28. 29. 30.

***Verify the following identities:***

31. 32.

33. 34.

***Solve the following equations;***

35. 36.