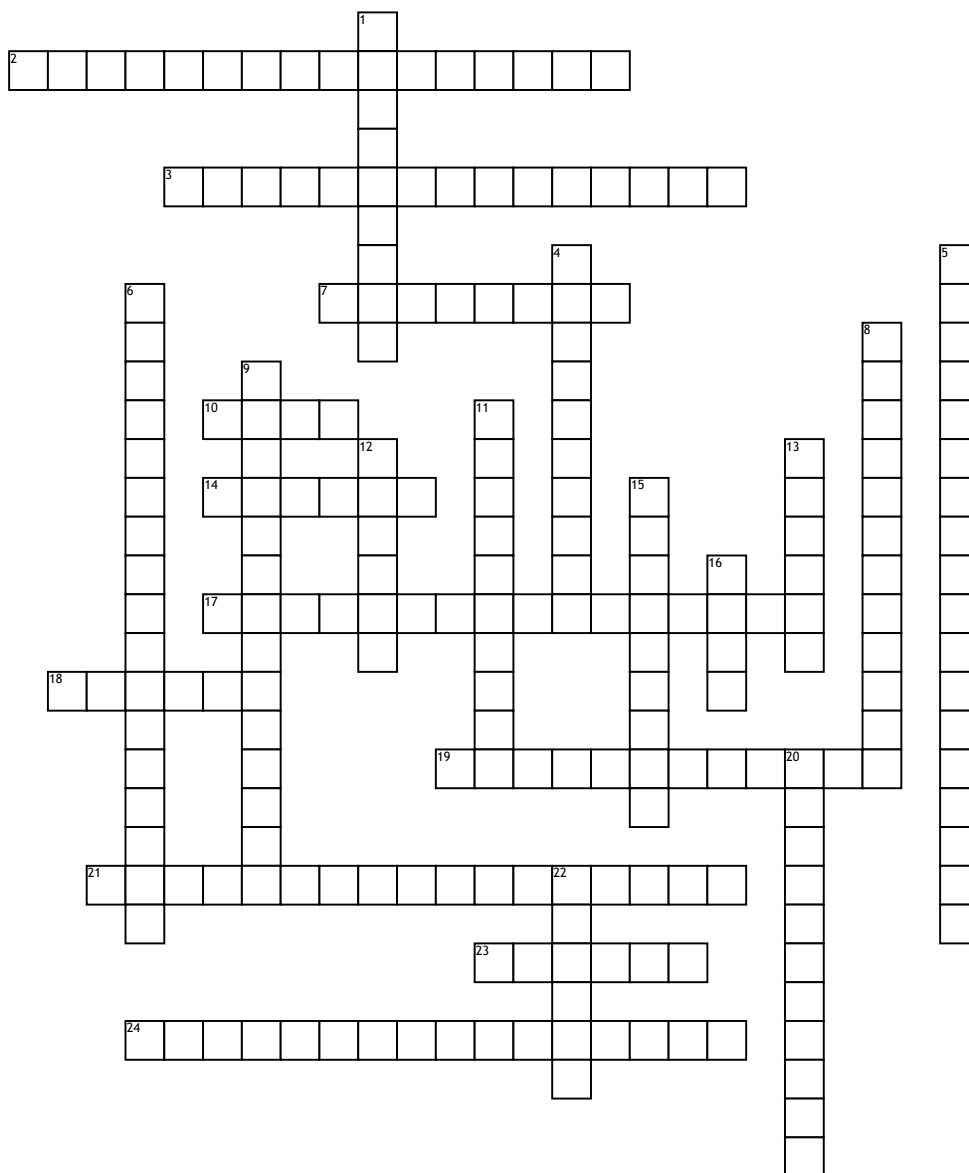# PreCal 5.1---5.4 Vocab. Quiz/Test

Across

2. an angle with its vertex at the origin and its initial side along the positive x-axis

3. an angle in standard position whose terminal side coincides with one of the axes

7. the reciprocal trig ratio of sine

10. the two sides of a right triangle forming the right angle

14. the measure of an angle that is 1/360 of a complete rotation in the positive direction

17. the angle between a horizontal line and the line of sight from the observer to an object at a higher level

18. a unit of angle measure that is 1/60 of a degree

19. a ray of an angle that rotates about the vertex

21. the angle between a horizontal line and the line of sight from the observer to an object at a lower level

23. a unit of angle measure that is 1/60 of a minute

24. two angles in standard position that have the same terminal side

Down

1. the acronym used to help remember the three main trig functions

4. a circle of radius 1 unit whose center is at the origin of a rectangular coordinate system

5. a ratio of the sides of a right triangle used to defind the sine, cosine, and tangent ratios of the triangle

6. functions defined using a unit circle

8. the side of a right triangle that is opposite an acute angle in the triangle

9. the acute angle formed by the terminal side of an angle in standard position and the x-axis

11. the side opposite the right angle in a right triangle

12. the common endpoint of two rays forming an angle

13. the trig function represented by the x-coordinate

15. the reciprocal trig ratio of tangent

16. the trig function represented by the y-coordinate

20. the fixed ray of an angle

22. the reciprocal trig ratio of cosine