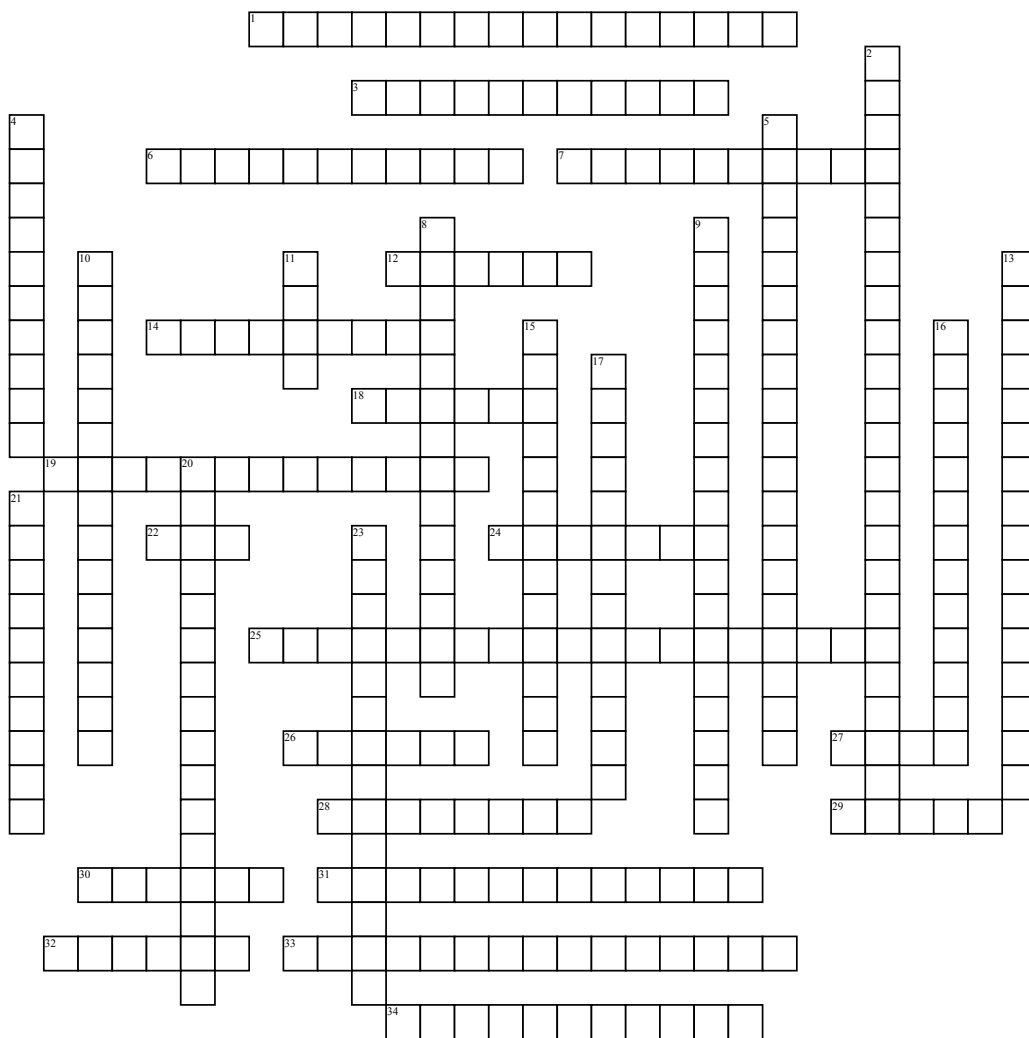# Trigonometry

Across

1. Two angles that have the same initial side and the same terminal side, but different measures of rotation

3. The starting position when it really is rotated around its endpoint to form an angle

6. The portion of a line A.B. between a and B, including the endpoints A & B

7. A none zero number where X is 1/x

12. The function =r/x

14. The function = x/y

18. 1" or 1/60 of a minute

19. An angle that is formed by counter clockwise rotation around its endpoint

22. The portion of line AB starts at A and continues through b, and on pass B is really a B

24. The function =y/x

25. Two positive angles that measure the sum of 180°

26. 1', 1/60 of a degree

27. The function = y/r

28. The function =r/y

29. Is formed by rotating a ray around its endpoint

30. The function = x/r

31. Lines that lie in the same plane and do not intersect

32. A unit of measure for angles

33. An angle that, when placed in standard position, has it's terminal side along the X axis or the Y axis

34. An angle measuring more than 90° but less than 180°

Down

2. When and angles vertex is at the origin and its initial side is along the positive X excess

4. An angle measuring exactly 90°

5. Two positive angles that measure the sum of 90°

8. Opposite angles formed by intersecting lines

9. Triangles that are both the same size and the same shape

10. The endpoint of the red that is rotated to form the angle

11. Two distinct points a and B determine the line A.B.

13. Triangles that are the same shape but not necessarily the same size

15. One of two ways or line segments with a common endpoint that form an angle

16. An angle that is formed by clockwise rotation around its endpoint

17. An angle measuring exactly 180°

20. A line that intersects two or more other lines, which may be parallel

21. An angle measuring between 0° and 90°

23. What is point A in a given ray AB

Word Bank

Cosine	Obtuse angle	Tangent	Parallel lines	Sine
Cotangent	Angle	Coterminal angles	Vertical angles	Negative angle
Line segment	Right angle	Positive angle	Side of an angle	Degree
Secant	line	Initial side	Transversal lines	Endpoint of a ray
Supplementary angles	Complementary angles	Quadrantal angle	Acute angle	Vertex of an angle
Angle in standard position	Congruent triangles	Similar triangles	Straight angle	Ray
Reciprocal	Minute	Second	Cosecant	