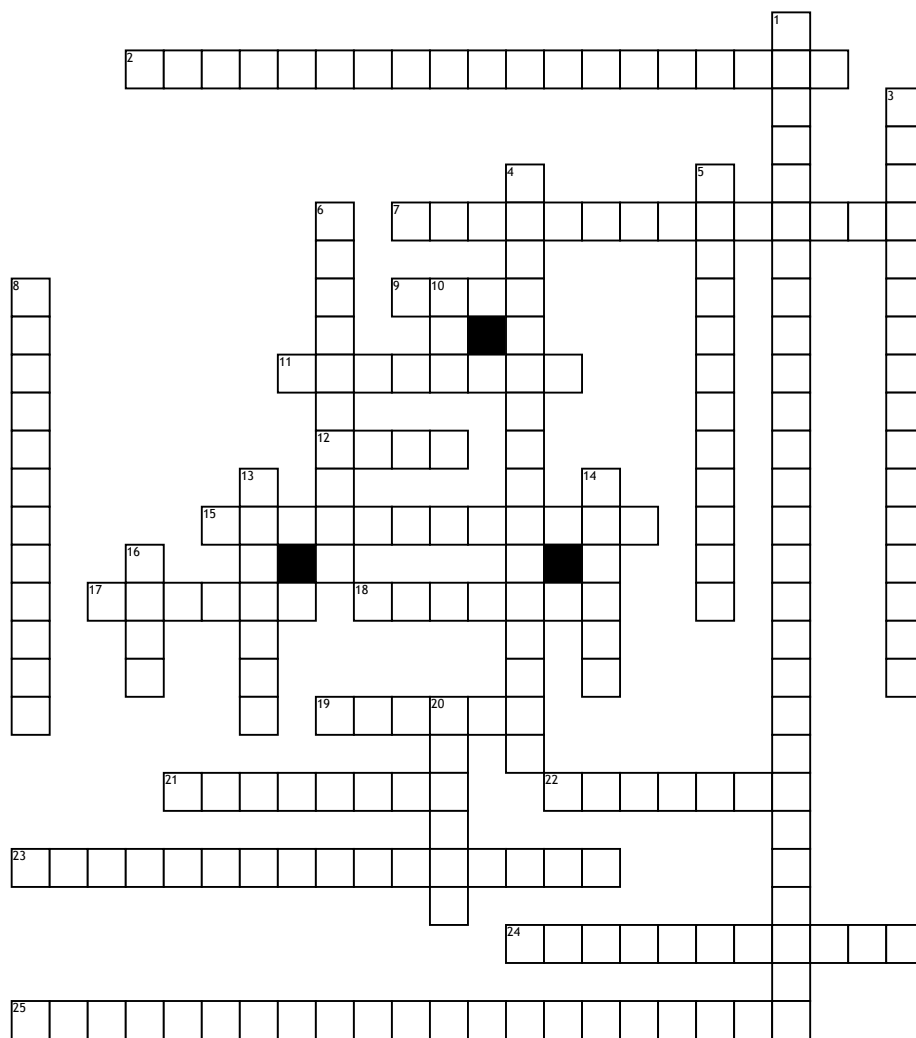


Pre-Calc crossword



Across

2. a list of all possible rational roots of a polynomial function
 7. positive acute angle that the terminal side makes with the closest x-axis
 9. x-intercept
 11. an ordered list of numbers
 12. $\sin x / \cos x =$
 15. this law is used when a triangle is SAS or SSS
 17. the set of all x's for which the function is defined
 18. this type of function has no amplitude
 19. distance from the center to a point on the circle

21. dependence of one quantity on another
 22. these triangles have no right angles
 23. an angle with the initial side on the positive x-axis
 24. logarithmic functions are inverses of what functions
 25. uses distances and directions to specify locations of points in a circular plane
Down
 1. uses ordered pairs to specify locations of points on a flat plane
 3. different angle measures with the same initial and terminal sides

4. used to show if a graph represents a function
 5. the end of the angle
 6. when a is negative in a trigonometric function it indicates a
 8. when all forces acting on an object are taken into account
 10. a AAS triangle has how many solutions
 13. the length of the corresponding arc on the unit circle
 14. the "dip" or "hump" of a quadratic graph
 16. the total force needed to move an object a certain distance
 20. inverse sin and tan functions are restricted to quadrant...

Word Bank

- | | | | |
|-------------------------------|--------------------|-------------------------|-------------------|
| sequence | reference angle | domain | function |
| rectangular coordinate system | $\tan x$ | rational root theorem | work |
| terminal side | radius | law of cosines | reflection |
| vertex | vertical line test | tangent | I and IV |
| standard position | root | one | coterminal angles |
| radians | oblique | polar coordinate system | true velocity |
| exponential | | | |