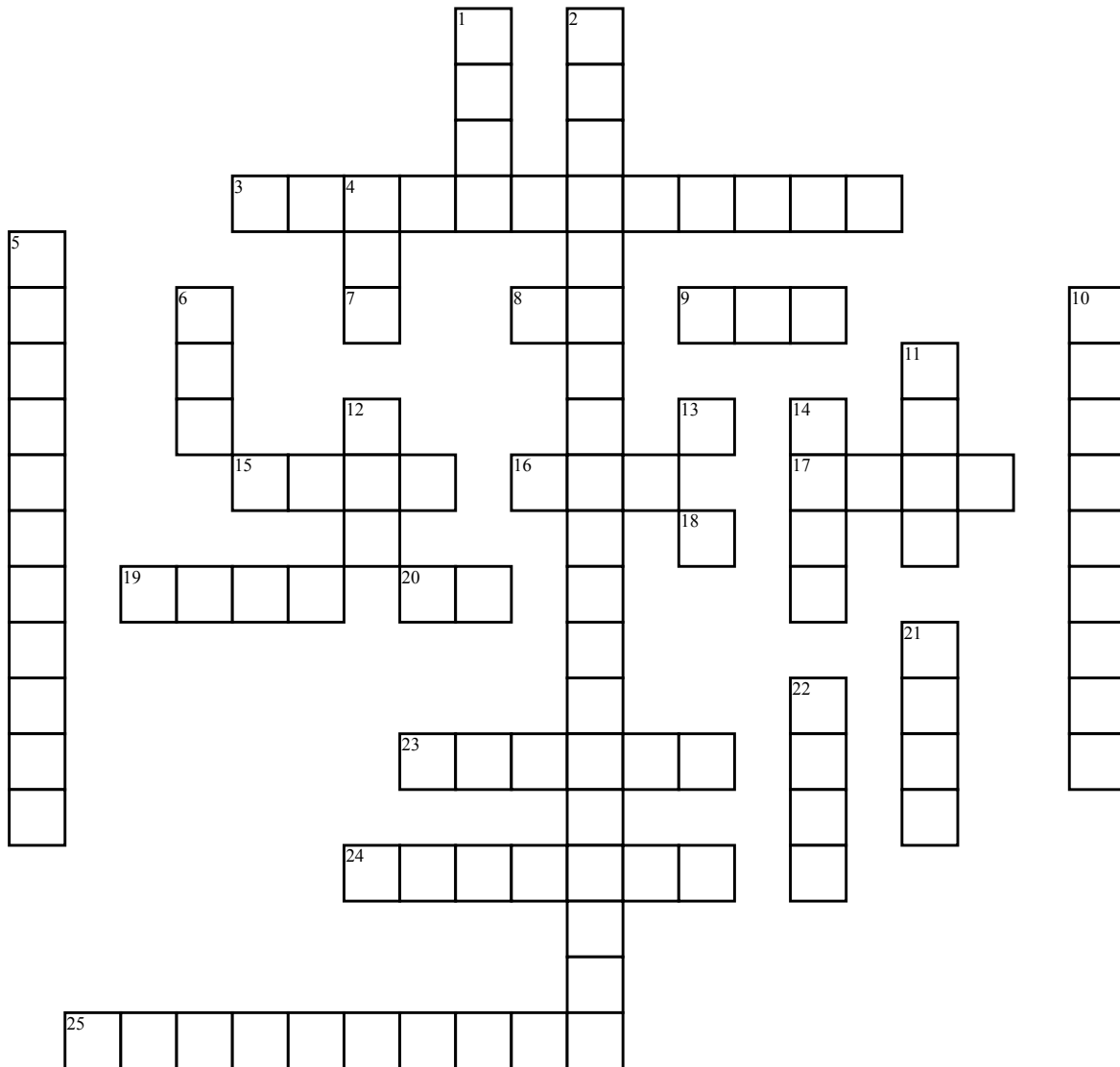


Trigonometry



Across

3. What is measurement of triangles?
7. What quadrant contains the terminal side of the angle 420° ?
8. Determine the quadrant that contains the terminal side of an angle measuring $-7\pi/6$?
9. What angle is supplementary to 34° ?
15. How many radians are in 300° ?
16. Find the complementary angle to $\pi/4$?
17. Find the least positive coterminal angle to -1140° ?
19. Convert the angle $7\pi/3$ into degrees.
20. Determine the quadrant that contains the terminal side of an angle -380° ?
23. What is the endpoint of the ray?
24. Which of the following is the best answer for $\cos^2(\theta)$?

25. A circle where the radius equals one is ?

Down

1. What is the coterminal angle of 820° ?
2. Which of the following describes the ratio of sine?
4. What quadrant contains the terminal side of the angle $10\pi/3$?
5. Angles that have the same initial side and terminal side is?
6. A flag pole 18 feet tall casts a shadow 12 feet long at a specific time of day. Find, to the nearest degree, the angle of elevation of the sun at this time of day.
10. Which of the following points is NOT on the unit circle?
11. Change $4\pi/3$ angle to degrees.
12. Determine the value for $\sin(150^\circ)$ in radical form.

13. What must be the area of the unit circle?

14. Which of the following angles is coterminal to -130° ?
18. What is the radius of the unit circle?
21. Find the angle that is supplementary to 45° ?
22. Give the angle between 0° and 360° that corresponds to the point $(-1,0)$.