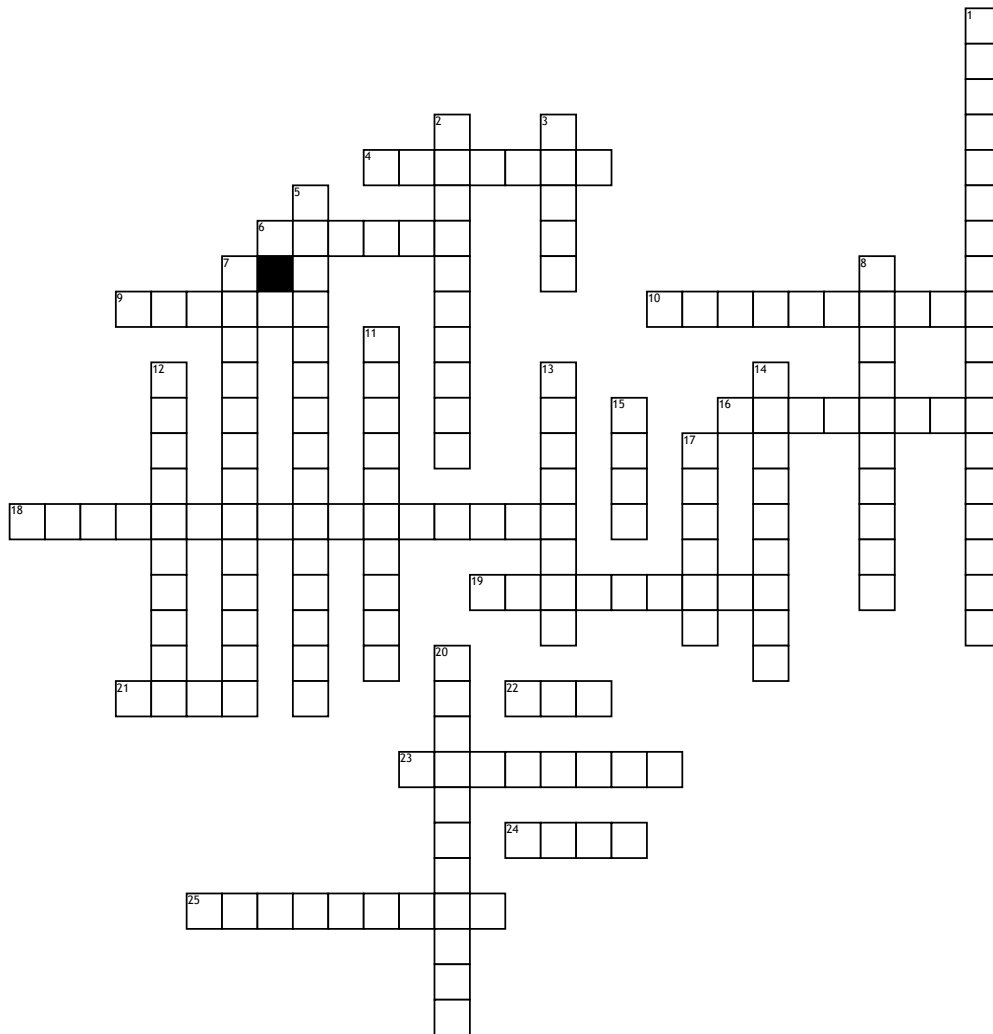


Name: _____

Date: _____

Math Crossword



Across

- 4. ratio of the opposite to the adjacent side of a right-angled triangle
- 6. ratio of the hypotenuse to the adjacent side of a right-angled triangle
- 9. ratio of the adjacent side to the hypotenuse of a right-angled triangle
- 10. The side opposite the right angle in a right triangle.
- 16. ratio of the hypotenuse to the opposite side of a right-angled triangle
- 18. Angles in standard position whose terminal sides coincide.
- 19. ratio of the adjacent to the opposite side of a right-angled triangle

- 21. ratio of the opposite side to the hypotenuse of a right-angled triangle
- 22. A quarter rotation around the unit circle
- 23. The side that is next to your angle.
- 24. A full rotation around the unit circle
- 25. (+, +)

Down

- 1. in a right triangle the square of the length of the hypotenuse is equal to the sum of the squares of the lengths of the legs $A^2+B^2=C^2$
- 2. a circle with a radius of 1, centered at the origin
- 3. A figure formed by two rays with a common endpoint

- 5. the acute angle formed by the terminal side of an angle in standard position and the x-axis
- 7. A triangle that has a 90 degree angle.
- 8. A circle whose center is at the origin and has a radius of one.
- 11. (+, -)
- 12. (-, +)
- 13. the side that does not touch your angle.
- 14. a memory device that is used to remember the 3 basic trigonometric ratios
- 15. A half rotation around the unit circle
- 17. The common endpoint of an angle
- 20. (-, -)

Word Bank

180°	360°	coscant	unit circle	Right triangle
Quadrant I	Unit Circle	secant	SOHCAHTOA	Angle
tangent	cotangent	Opposite	Vertex	Hypotenuse
Quadrant III	Quadrant IV	Pythagorean Theorem	Adjacent	sine
90°	coterminal angles	Quadrant II	reference angles	cosine