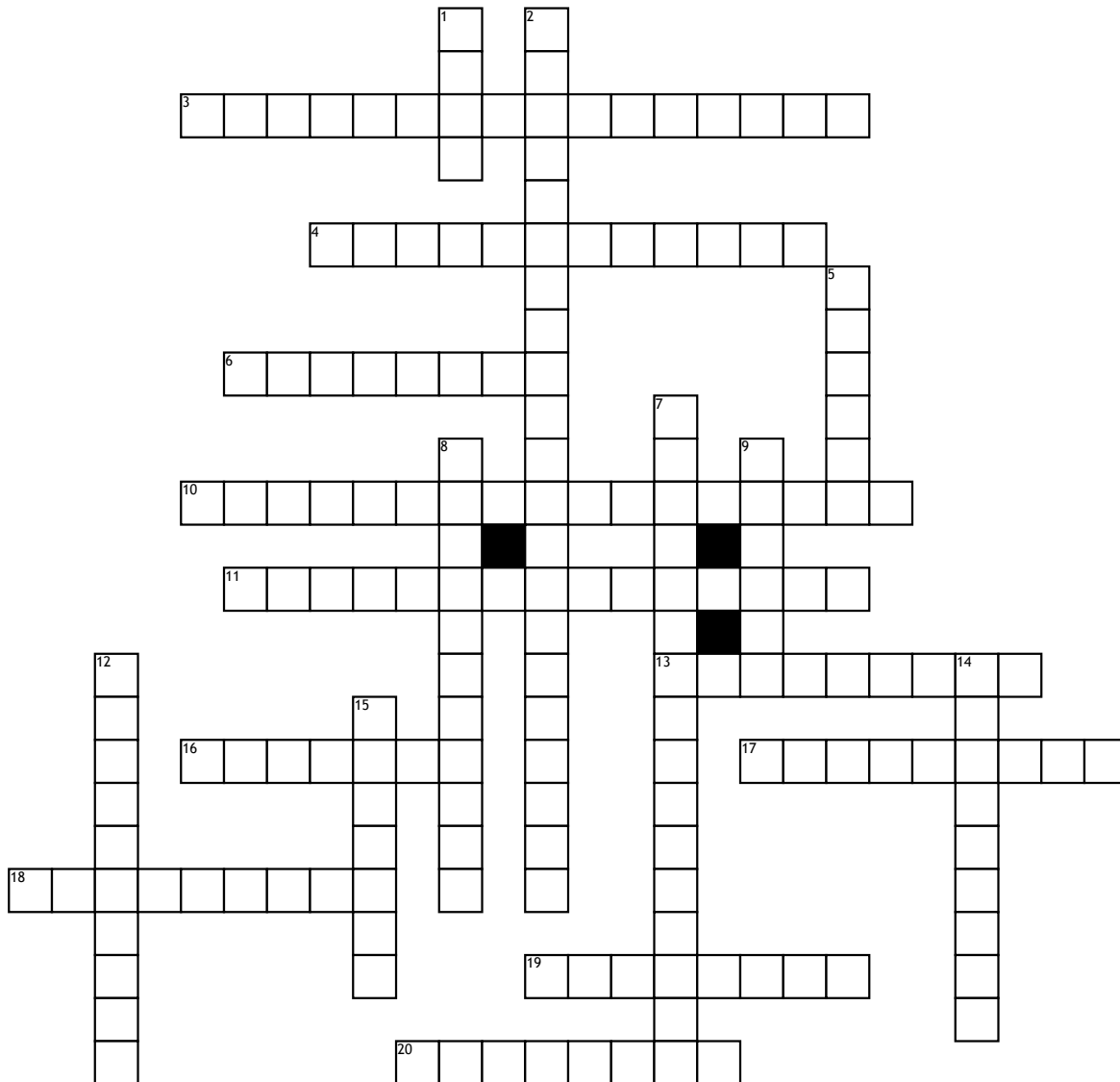


4th Quarter math Crossword puzzle



Across

3. calculated by multiplying the principal amount by one plus the annual interest rate raised to the number of compound periods minus one

4. An angle is in standard position in the coordinate plane if its vertex is located at the origin and one ray is on the positive x-axis

6. a particular order in which related events, movements, or things follow each other

10. Growth of a system in which the amount being added to the system is proportional to the amount already present

11. is a sequence of numbers where each term after the first is found by multiplying the previous one by a fixed, non-zero number called the common ratio

13. the rate at which something occurs or is repeated over a particular period of time or in a given sample

16. describes the plane angle subtended by a circular arc as the length of the arc divided by the radius of the arc.

17. the angular distance of a celestial object from the true east or west point of the horizon at rising or setting.

18. characterized by recurrence or repetition, in particular

19. appearing or occurring at intervals

20. The ratio of the hypotenuse to the side opposite an acute angle

Down

1. the trigonometric function that is equal to the ratio of the side opposite a given angle (in a right triangle) to the hypotenuse.

2. equalities that involve trigonometric functions and are true for every single value of the occurring variables where both sides of the equality are defined

5. the ratio of the hypotenuse to the shorter side adjacent to an acute angle

7. the angle formed by the line of sight and the horizontal plane for an object above the horizontal

8. a stationary straight line that contains a point about which another straight line is rotated to form an angle

9. the trigonometric function that is equal to the ratio of the side adjacent to an acute angle

12. A transformation in which the figure is the mirror image of the other

14. The ratio of the side adjacent to a particular acute angle to the side opposite the angle

15. The length of the opposite side divided by the length of the adjacent side