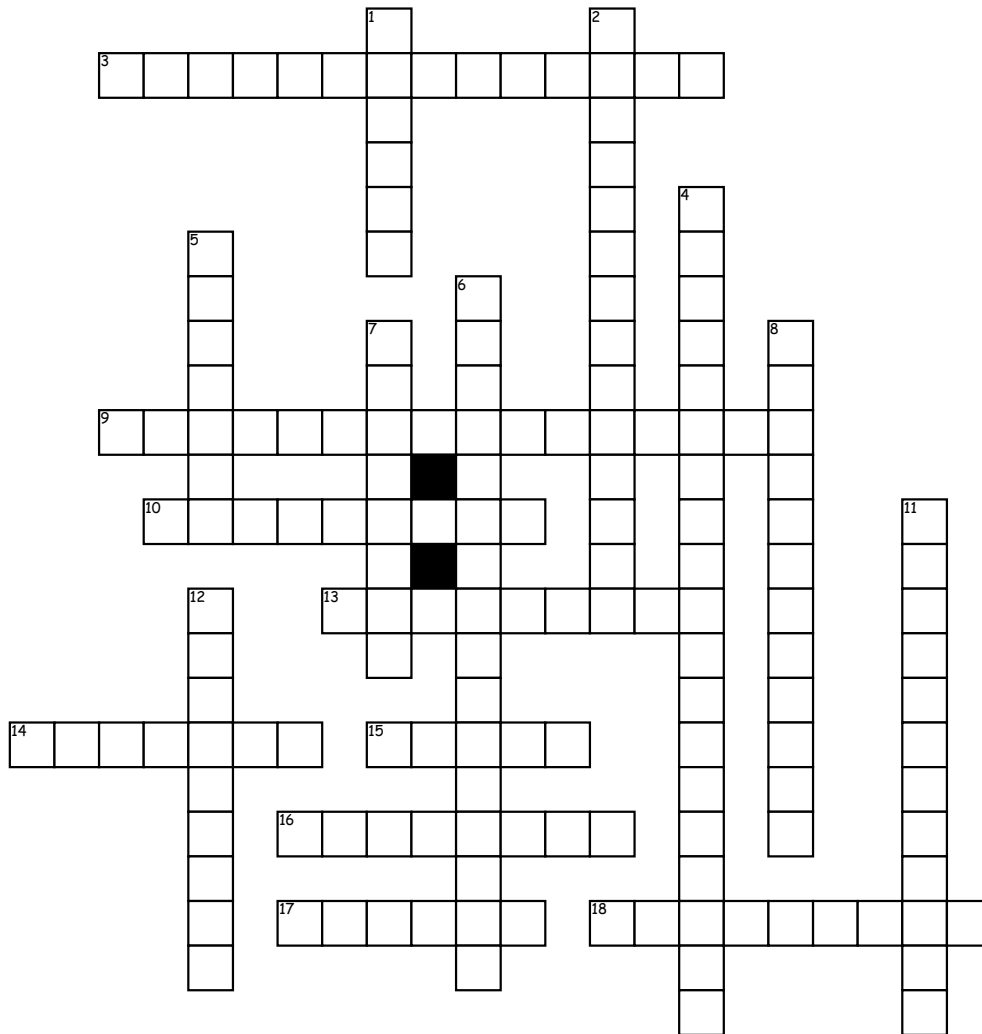


Gr. 11 Math Crossword



Across

3. $y=mx+b$
 9. calculated on the initial principal, which also includes all of the accumulated interest from previous periods
 10. half the distance between the max and the min
 13. an acronym used to remember the 3 basic trigonometric ratios
 14. the lowest point on a graph
 15. the set of all possible y-values
 16. a relationship between two variables; ordered pairs

Word Bank

relation
 minimum
 discriminant
 compound interest
 vertex

soh cah toa
 simple interest
 periodic function
 function
 exponential function

principal
 linear equation
 maximum
 period

range
 asymptote
 interest rate
 amplitude

17. horizontal length of one cycle on a graph

18. the original money invested or borrowed

Down

1. a point where two or more curves, lines, or edges meet
 2. calculated only on the principal ($I=Prt$)
 4. a function that can be described by an equation of the form $y= a*b^x$, where $b > 0$ and $b \neq 1$
 5. the highest point on a graph

6. a function that has repeating patterns of y-values and intervals of x-values

7. each x-value only has one y-value

8. a percent of the original money that is earned or paid over time

11. the value of $D=b^2-4ac$

12. a line that approaches the graph but does not meet it at any finite distance