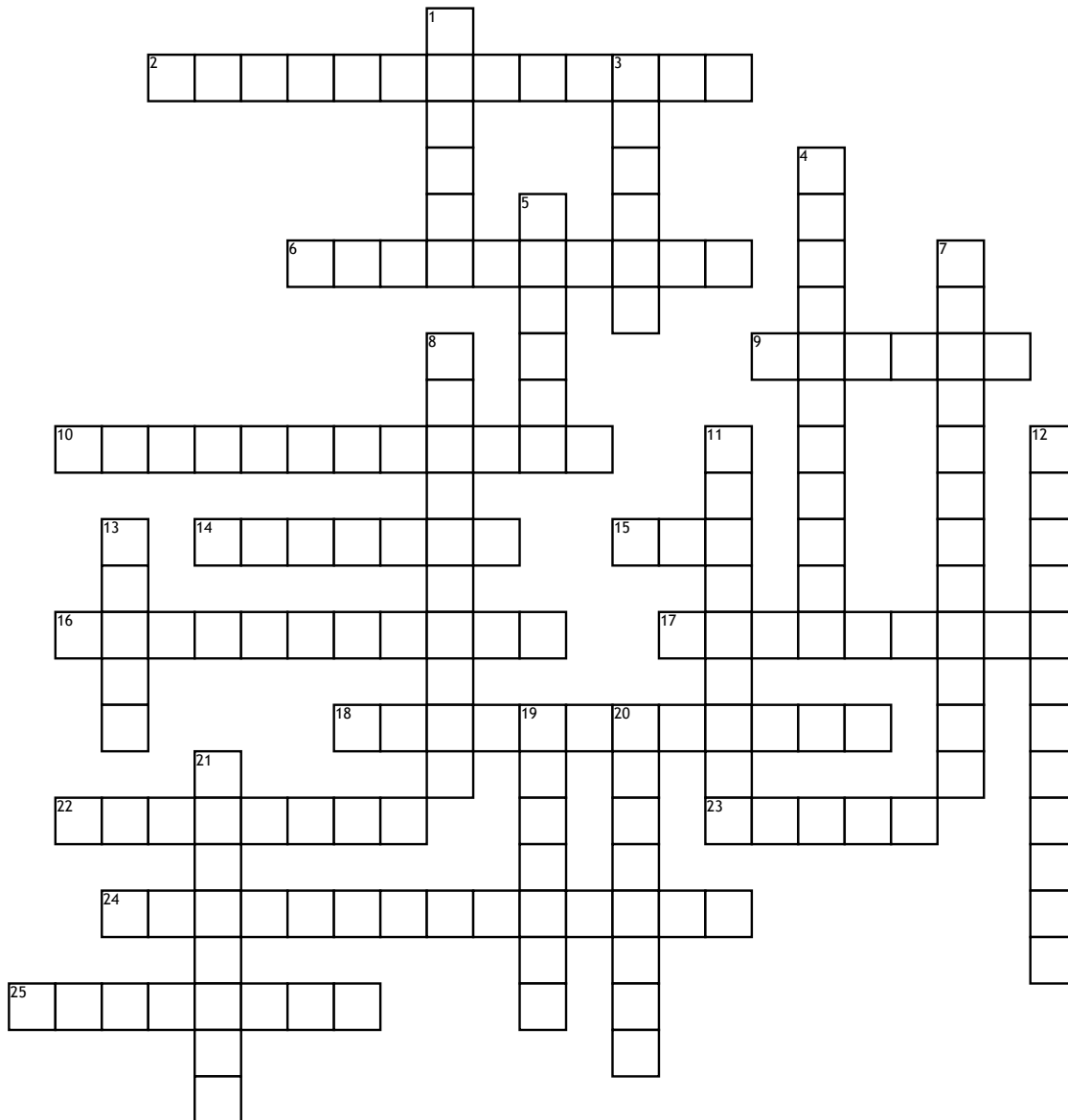


# Quadratic thematic



## Across

2. The form of a quadratic function that tells where the line segments meet the x-es  
 6. An expression of more than two algebraic terms and can be combined by adding, subtracting or multiplying  
 9. The point where a parabola crosses its axis of symmetry  
 10. Reveals the number of roots an equation has  
 14. Plural form of a number which is raised to a power  
 15. A part of a curve  
 16. A set of values that show an exact position  
 17. Description of an equation or function that has at least one exponent higher than one.

18. Name of a solution that does not lie within the restricted domain of a function

22. A special curve shaped like an arch  
 23. A diagram that shows a relationship between sets of points that have coordinates

24. A vertical line that passes through the vertex

25. A symbol for a number that may change

## Down

1. To make sure or demonstrate that a solution is true and accurate.

3. The point where all three axes intersect

4. When two or more parts are identical around an axis

5. A complete set of possible values of the independent variable

7. A number used to multiply a variable

8. Depending on or relating to the circumstances that for the setting for an event (or a form of a math problem)

11. Finding what to multiply together to get an expression

12. Where lines cross

13. Satisfies the equation

19. The lowest point on a parabola

20. A value to put in place of a variable that makes an equation true

21. The term under a square root symbol