

Full Name: _____

Class: _____

Date: _____

Period: _____

Quadratics & More Crossword Puzzle

Word List

Across

6. the point at which a curve intersects a coordinate axis

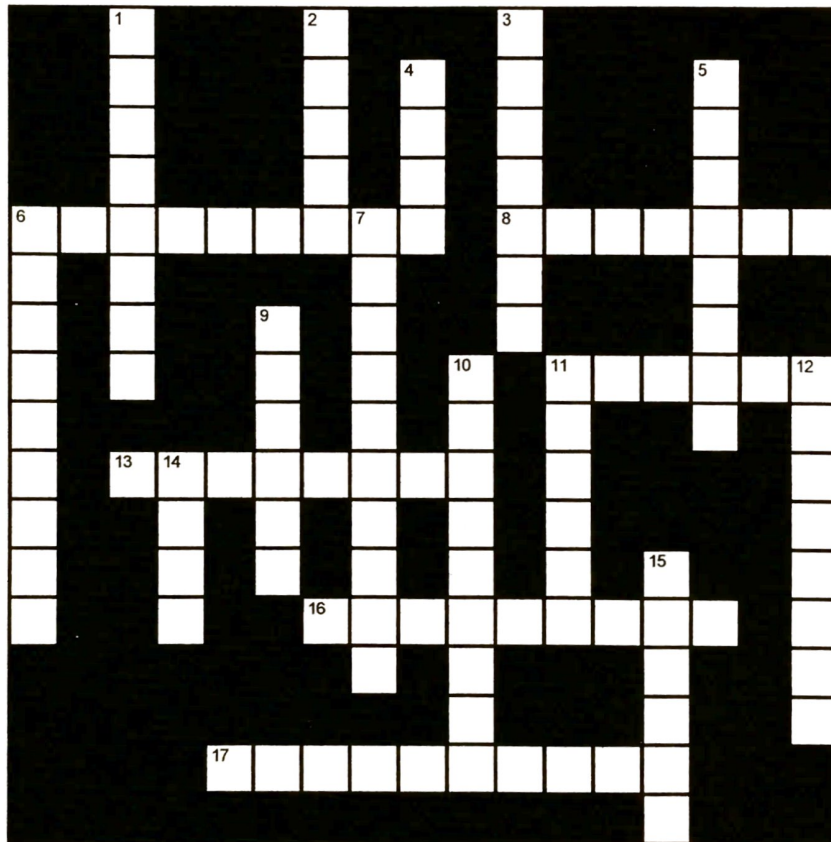
8. the vertex of a parabola that opens down

11. the highest power of a term or variable

13. the graph of a second degree polynomial

16. a constant term typically multiplied by a variable

17. an object subject only to the force of gravity



- parabola
- vertex
- center
- circular
- triangular
- symmetric
- quadratic
- symmetry
- parameter
- function
- axis
- intercept
- root
- polynomial
- domain
- range
- intersect
- slope
- rate
- rise
- double
- degree
- order
- magnitude
- minimum
- maximum
- exponent
- projectile

Down

1. a relation such that each element of the domain is mapped to only one member of the range

2. the set of values of the dependent variable; a function's output values

3. the vertex of a parabola that opens up

4. an x-intercept

5. a quality of likeness as in a reflection; an attribute of balanced proportion

6. to meet at a point

7. a mathematical function that is the sum of a number of terms

9. the set of values of the independent variable; a function's input values

10. a polynomial of the second degree

11. the kind of root where the function touches, but does not cross, the x-axis

12. the mathematical notation indicating the

number of times something is multiplied by itself

14. a straight line through a figure satisfying certain conditions

15. the point where the line of symmetry of a parabola intersects the parabola itself