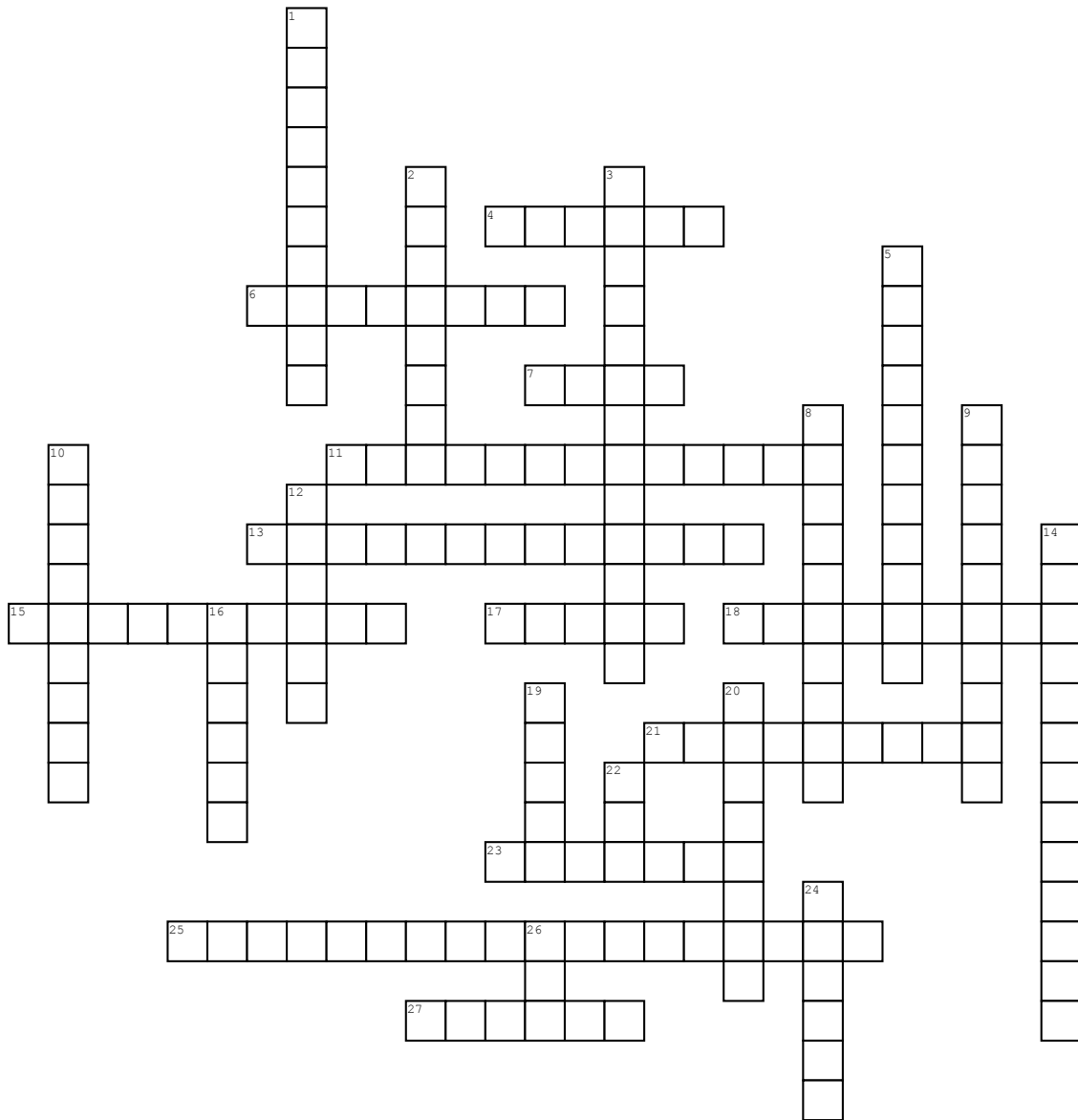


Name: \_\_\_\_\_

# Analytic Geometry



## Across

4. a measure of how much space a figure takes up; a measure of capacity
6. A polynomial with two terms
7. a measure of the amount of space a circle covers
11. the distance around a circle
13. two angles whose measures have a sum of  $90^\circ$
15. An equation which states that two ratios are equal.
17. a segment whose endpoints are on a circle
18. The process of writing a number or algebraic expression as a product
21. A polynomial with three terms
23. opposite over an adjacent

25. using the equation  $a^2 + b^2 = c^2$  to find c

27. the set of points in a plane

## Down

1. A monomial or a sum or difference of monomials.
2. the distance across a circle through its center
3. Two angles whose sum is 180 degrees
5. The ratio of any two corresponding lengths of the sides of two similar figures.
8. a transformation that flips a figure over a line
9. an arc that measures exactly 180 degrees
10. an angle whose vertex is on the circle and whose sides contain chords of a circle

12. in a right triangle, the ratio of the adjacent side of an acute angle to the hypotenuse

14. a triangle with one  $90^\circ$  angle

16. the distance from the center of a circle to any point on the circle

19. A Greek letter commonly used to refer to unknown angle measures

20. Transformation that changes the size of a figure, but not the shape.

22. one of the two sides of a right triangle that form the right angle

24. The minimum or maximum point of the quadratic equation

26. an unbroken part of a circle