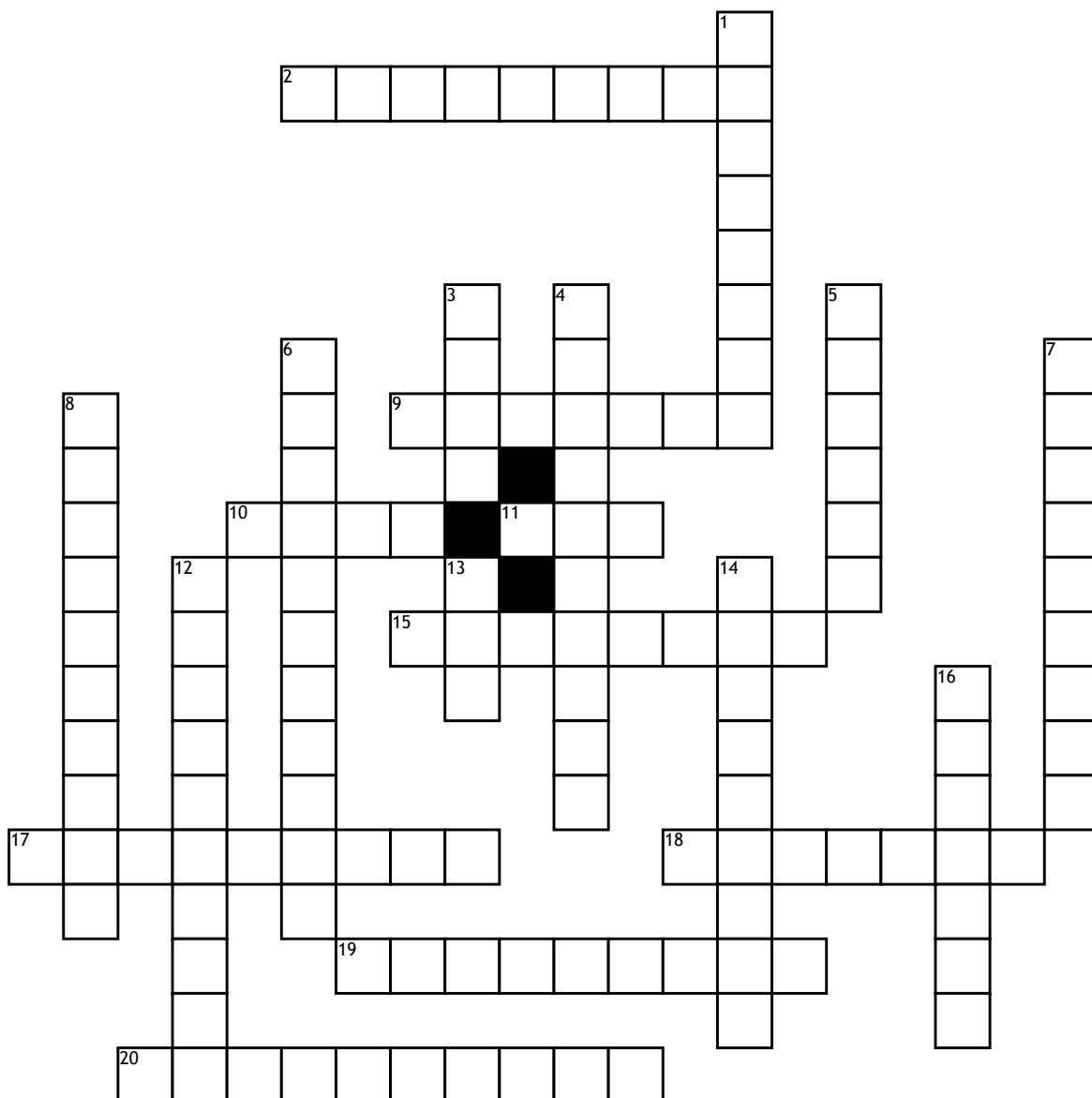


# Geometry crossword



## Across

2.  $Xy=xy$  property
9. Nine sided polygon
10. A quadrilateral with 2 pairs of adjacent, congruent sides
11. Angle-side-angle abbreviation
15. A seven-sided polygon
17. An 11 sided polygon
18. A quadrilateral with 4 congruent sides and 2 opposite pairs of a angles
19. A twelve sided polygon is called \_\_\_\_\_
20. All squares are \_\_\_\_\_ but not all \_\_\_\_\_ are squares

## Down

1. The military building in Washington DC that is also a 5 sided polygon
3. A more than twelve sided polygon
4. Property that describes  $x=y+3$  and  $y+3=10$  then  $x=10$
5. A quadrilateral with 4 congruent sides and 4 congruent angles
6. A shape with all congruent angles
7. \_\_\_\_\_ trapezoid with congruent legs

8. The segment that connects the midpoints of the legs in a trapezoid

12. The side directly across from the right angle in a right triangle is called the \_\_\_\_\_

13. The three letters that mean you have completed a proof

14. The "word" that sounds like a Native American name for trigonometry

16. The word before the name of a polygon that means all sides and angles are congruent in said polygon