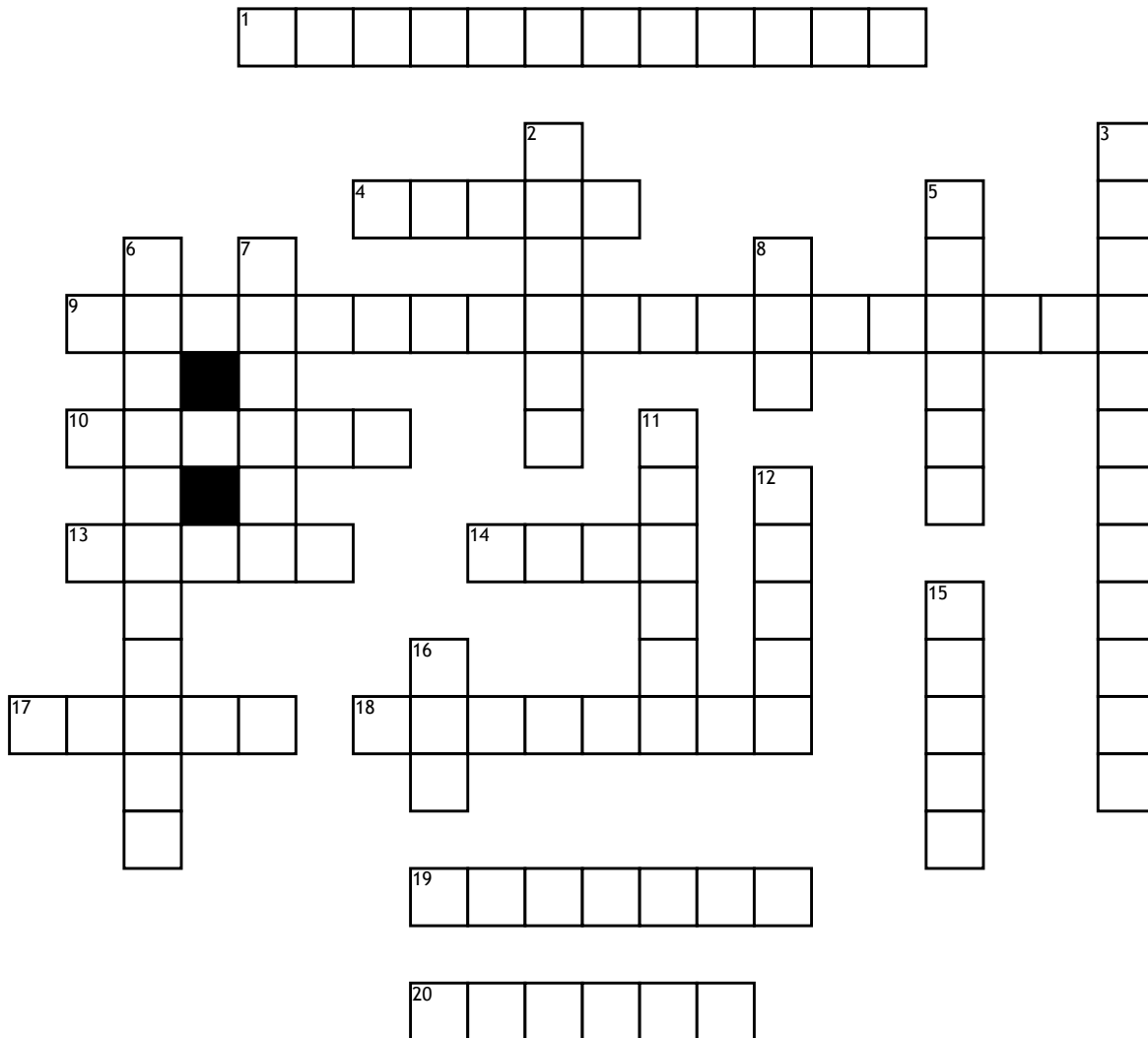


# Equilateral Triangle in a Circle Construction



## Across

1. what do you use to draw segments?
4. how many steps are in the procedure?
9. what should you be constructing inside the circle?
10. what does the arc from point A intersect?
13. what do you do to the marked points?
14. how many points are drawn in all (excluding the center)?
17. how many times do you draw a straightedge?

18. Where would you mark the first point on the circle in the first step?

19. What do you use to draw circles and make arc marks?

20. after marking a point other than the center, what length do you open the compass to?

## Down

2. what are the sides of the equilateral triangles made of?

3. When the first arc is drawn, what should it be doing to the two points?

5. What's the point in the middle of the circle you're given with called?

6. what kind of triangle is being inscribed in the circle?

7. what are you given?

8. what do you draw to mark certain points using slash marks?

11. what is the equilateral triangle inscribed in?

12. how many times do you use your compass?

15. how many arc marks are drawn in all?

16. how many points are given to you before you start constructing?