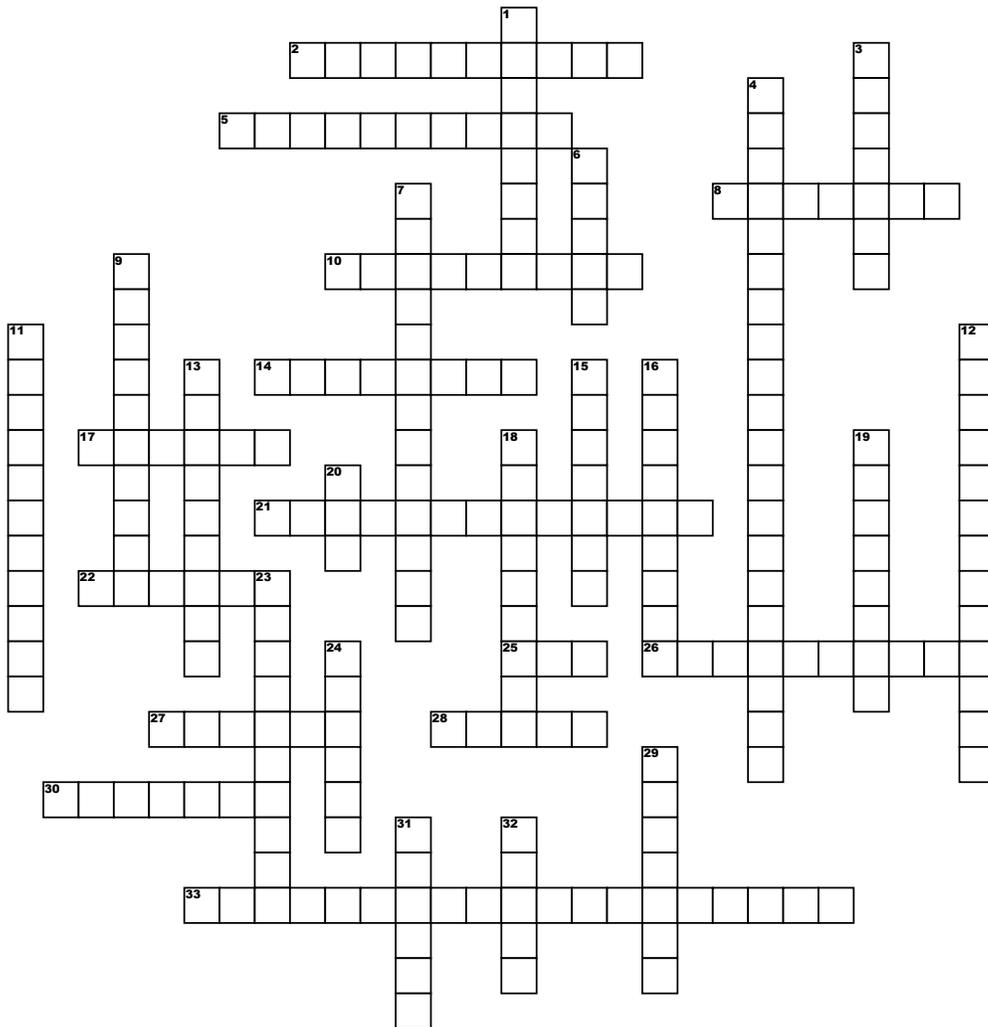


# Circle Geometry



## Across

2. what is the opposite of squaring?  
 5. the formula that uses a relationship between the sides of a right triangle is?  
 8. Angles in the same \_\_\_\_\_ are equal.  
 10. the distance around a rectangle is called?  
 14. Your mathematics teacher's first name  
 17. A radius and a tangent meet to form an angle that is how big?  
 21. What is the name of the distance around a circle?  
 22. Two radii and a piece of the circumference form?  
 25. The angle at the center is how many times the angle at the center  
 26. Half of a circle is called?  
 27. The letter O is used to denote which part of a circle?  
 28. The distance from one point on the circumference to another point on the circumference which does not pass through the center of the circle is called?  
 30. A figure with many sides is called?  
 33. Angles on a line add to what?

## Down

1. a three sided figure is called  
 3. the line that touches a circle at one point only is called?  
 4. Angles at a point add to?  
 6. How many letters are normally used to name an angle?  
 7. When two lines meet at 90 degrees they are considered as?  
 9. what is half a circle called?  
 11. What is calculated by dividing an angle by 360 and multiplying by two times pi times r  
 12. a four sided figure is called?  
 13. Which number divided by seven gives the value of Pi  
 15. A line which touches a circle at one point is called?  
 16. A triangle with two sides equal is named?  
 18. what is the length of arc of a 90 degree sector of a circle with radius 14  
 19. what is the name of branch of mathematics that studies circles?  
 20. A piece of the circumference is called?  
 23. The angles formed in a semi circle are called

24. Pi times Radius squared is used to find area of which shape?  
 29. When a line cuts a circle from one point to the other the area formed by the chord and the line is called?  
 31. The distance from the center of the circle to the circumference is called?  
 32. what is the plural for radius

## Word Bank

- |           |                         |               |                        |               |
|-----------|-------------------------|---------------|------------------------|---------------|
| Segment   | center                  | semicircle    | Tangent                | perimeter     |
| geometry  | Twenty Two              | radii         | square root            | Perpendicular |
| Ninety    | twenty two              | segment       | Semi Circle            | Circle        |
| Rosinell  | Chord                   | Tangent       | Sector                 | Radius        |
| Isosceles | Three hundred and sixty | triangle      | Arc                    | Pythagoras    |
| Three     | quadrilateral           | Length of arc | One Hundred and Eighty | Polygon       |
| Two       | right angle             | Circumference |                        |               |