

Fourth Grade Geometry Vocabulary

1. Point-a location on a line, in a plane, or in space. 
2. plane-a flat surface with no end named by at least three points. 
3. line-a straight path of points extending in both directions with no endpoints. 
4. line segment- part of a line with two endpoints. 
5. ray- a part of a line that begins at one endpoint and goes on forever in one direction. 
6. angle-two rays with the same endpoint.
7. vertex-point at which two rays meet in an angle. 
8. right angle-angle that forms a square corner. 
9. acute angle-angle with a measure less than a right angle. 
10. obtuse angle-angle with a measure greater than a right angle and less than a straight angle. 
11. perpendicular lines-lines that intersect to form four right angles. 
12. parallel lines-lines in a plane that never intersect. 
13. intersecting lines-lines that cross each other to form either a pair of acute angles and a pair of obtuse angles or four right angles. 
14. circle-a closed figure made up of points that are the same distance from the center point. 
15. equilateral triangle-a triangle with three sides congruent 
16. isosceles triangle-a triangle with two sides congruent. 
17. scalene triangle-a triangle with no sides congruent. 
18. parallelogram-a quadrilateral with opposite sides parallel and congruent. 
19. rhombus-a parallelogram with 4 congruent sides. 
20. trapezoid-a quadrilateral with only one pair of sides parallel. 
21. polygon- a closed plane figure with sides formed by three or more line segments; polygons are named by their number of sides or number of angles.
22. triangle- a polygon with 3 sides and 3 angles. 
23. quadrilateral- a polygon with 4 sides and 4 angles. 
24. pentagon- a polygon with 5 sides and 5 angles. 
25. hexagon-a polygon with 6 sides and 6 angles. 
26. octagon-a polygon with 8 sides and 8 angles. 
27. regular polygon-a polygon with all sides the same length.
28. two dimensional-measured in two directions, such as length and width. 
29. three dimensional-measured in three directions, such as length width and height.