

Geometry

Names: _____

Scavenger Hunt

Geometry is everywhere! How many of these items can you find? Look around your house, school, and community. GOOD LUCK and have fun!

1. Cylinder
2. Sphere
3. Cone
4. Octagon
5. Hexagon
6. Pentagon
7. Rectangular Prism
8. Cube
9. Pyramid or Triangular Prism
10. A 45-45-90 Triangle
11. A 30-60-90 Triangle
12. An Isosceles Obtuse Triangle
13. Acute Scalene Triangle
14. Equilateral Triangle
15. Obtuse Scalene Triangle
16. Externally Tangent Circles
17. Internally Tangent Circles
18. Eccentric Circles (Ovals)
19. Regular Quadrilateral
20. Quadrilateral that is equiangular but NOT equilateral
21. Quadrilateral that is equilateral but NOT equiangular
22. Parallel Segments with a Perpendicular Transversal
23. Parallel Segments with NO Transversal
24. Parallel Segments with a Non-Perpendicular Transversal
25. Vertical Angles formed by two intersecting segments
26. Supplementary Adjacent Angles formed by two intersecting segments
27. Complementary Adjacent Angles formed by two intersecting segments
28. Any license plate with a 3-digit PRIME number
29. A California license plate with a 3 digit number, whose digits have a sum >21
30. Any license plate with all digits the same
31. Two non-perpendicular, non-bisecting, intersecting line segments
32. Two perpendicular bisecting line segments
33. Two non-perpendicular bisecting line segments
34. Similar regular polygons (must not have a 1:1 scale factor)
35. Similar non-regular polygons (must not have a 1:1 scale factor)
36. A full circle with no line segments intersecting it
37. A minor arc -- must not be part of a full circle
38. A major arc -- must not be part of a full circle
39. Circle with 1 or more diameters
40. Circle with 3 or more diameters
41. Circle with 3 or more chords, not diameters
42. Circle with 1 or 2 chords, not diameters
43. Isosceles Trapezoid
44. Trapezoid with 2 right angles
45. Irregular Trapezoid with no angles or sides equal
46. Collinear point
47. A circumscribed circle
48. An inscribed circle
49. Concentric Circles
50. Concentric Squares - edges are parallel
51. Concentric Triangles -- edges are parallel
52. Translation Tessellation
53. Rotation Tessellation
54. Geometry Object NOT listed - 1
55. Geometry Object NOT listed - 2

