

GEOMETRY BOOK REQUIREMENTS

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The first step in becoming a Certified Publisher is creating your own book. You must create a book including the following chapters, terms, and pictures. You must include definitions, pictures, color, and computer generated drawings (Word, Paint, Geometry's Sketchpad). Please keep the book neat and well organized!!

EXTRAS

1. POINT
2. LINE
3. LINE SEGMENT
4. RAY
5. PLANE
6. MIDPOINT
7. BISECT
8. PARALLEL LINES
9. PERPENDICULAR LINES
10. PERPENDICULAR BISECTOR

SYMMETRY AND TRANSFORMATIONS

11. SYMMETRY
12. LINE OF SYMMETRY
13. ROTATIONAL SYMMETRY
14. TRANSFORMATIONS
15. REFLECTION
16. REFLECTION LINE
17. ROTATION
18. TRANSLATION (OR SLIDE)

POLYGONS

19. TRIANGLE
20. QUADRILATERAL
21. RHOMBUS
22. PENTAGON
23. HEXAGON
24. HEPTAGON
25. OCTAGON
26. DECAGON
27. PERIMETER

ANGLES

28. ANGLE
29. ANGLE SIGN ($\angle$)
30. MEASURE OF ANGLE
31. SIDES OF ANGLE
32. VERTEX
33. RIGHT ANGLE
34. ACUTE ANGLE
35. OBTUSE ANGLE
36. STRAIGHT ANGLE
37. VERTICAL ANGLE
38. CONGRUENT ANGLE
39. ADJACENT ANGLE
40. CONGRUENCE SIGN ($\cong$)
41. COMPLEMENTARY ANGLES
42. SUPPLEMENTARY ANGLES
43. ANGLE BISECTOR

TRIANGLES

44. ACUTE TRIANGLE
45. RIGHT TRIANGLE
46. OBTUSE TRIANGLE
47. SCALENE TRIANGLE
48. CONGRUENT SEGMENTS
49. ISOSCELES TRIANGLE
50. EQUILATERAL TRIANGLE
51. HYPOTENUSE
52. ALTITUDE
53. PYTHAGOREAN THEOREM

SCALE DRAWINGS

54. SCALE DRAWING
55. SCALE MODEL
56. SCALE
57. SCALE FACTOR

3-D FIGURES (SOLIDS)

58. TOP VIEW
59. SIDE VIEW
60. FRONT VIEW
61. POLYHEDRONS
62. PRISM
63. PYRAMID
64. CYLINDER
65. CONE
66. SPHERE
67. BASE
68. EDGE
69. FACE
70. VERTICE
71. DIAGONAL
72. PLANE
73. COPLANAR

CIRCLE

74. CIRCLE
75. CENTER
76. RADIUS
77. DIAMETER
78. CIRCUMFERENCE
79. PI
80. AREA OF CIRCLE
81. SEMI-CIRCLE
82. CHORD

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COMPOSITE FIGURES

- 83. COMPOSITE FIGURES
- 84. AREA OF COMPOSITE FIGURES
- 85. AREA OF PARALLELOGRAM
- 86. AREA OF TRIANGLE
- 87. AREA OF TRAPEZOID

VOLUME

- 88. VOLUME
- 89. VOLUME OF RECTANGULAR PRISM
- 90. VOLUME OF TRIANGULAR PRISM
- 91. VOLUME OF PYRAMID
- 92. LATERAL FACE

SURFACE AREA

- 93. NET
- 94. SURFACE AREA
- 95. SURFACE AREA OF RECTANGULAR PRISM
- 96. SURFACE AREA OF TRIANGULAR PRISM
- 97. LATERAL SURFACE AREA
- 98. SLANT HEIGHT
- 99. REGULAR PYRAMID
- 100. SURFACE AREA OF PYRAMID