

LINES

line	
point	
ray (half-line) initial point	half-line (ray) initial point
line segment two endpoints	
parallel lines	
intersecting lines point of intersection	
perpendicular lines	
perpendicular foot of the perpendicular	
perpendicular bisector midpoint	
half-plane	
plane	
vertical horizontal	

GEOMETRY

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CIRCLES

circle	
center	centre
radius	
diameter	
arc	
chord	
secant	
tangent	
disc	
sector	
segment	
semicircle	

GEOMETRY

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ANGLES

angle	
vertex	
side	
bisector	
acute angle	
right angle	
obtuse angle	
straight angle	half-turn (straight angle)
convex angle	
reflex angle	
zero angle	
full angle (complete angle)	full-turn

GEOMETRY

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ANGLE PAIRS

vertical angles	vertically opposite angles
equal angles	
complementary angles	
supplementary angles	
interior angles	
corresponding angles	
alternate interior angles	alternate angles (interior alternate angles)
alternate exterior angles	exterior alternate angles
adjacent angles	
linear pair	adjacent supplementary angles
interior angle exterior angle	
inscribed angle central angle	

GEOMETRY

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TRIANGLES

acute triangle	
right triangle	right-angled triangle
obtuse triangle	
height base	
equilateral triangle	
isosceles triangle	
scalene triangle	
base leg	base side
hypotenuse leg	hypotenuse base
opposite leg adjacent leg	opposite side adjacent side
median	
perpendicular bisector	

GEOMETRY

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QUADRILATERALS

square	
rectangle	
rhombus	
parallelogram	
kite	
dart	
antiparallelogram	
irregular quadrilateral	
trapezoid	trapezium
two bases two legs	two parallel sides "the two other sides"
isosceles trapezoid	isosceles trapezium
right-angled trapezoid	right-angled trapezium

GEOMETRY

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POLYGONS

convex polygon	
vertex (corner)	
side	
diagonal	
regular polygon	
apothem	
concave polygon	
self-intersecting polygon	
tangential polygon [for example the tangential quadrilateral]	
inscribed circle	
cyclic polygon [for example the cyclic quadrilateral]	
circumscribed circle	

GEOMETRY

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SOLID GEOMETRY

SOLID GEOMETRY (3D SHAPES)

cube	
cuboid (right rectangular prism) [rectangular faces, right]	cuboid
prism [right, for example the hexagonal prism]	
pyramid [for example the square pyramid]	
vertex (corner)	
edge	
face	
base	
sphere	
cylinder	
cone	
frustum (truncated cone)	

GEOMETRY
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