

## Unofficial List Of Words And Formulas On Math A Regents Exam

<b>Numbers</b>	<b>Polynomials</b>
Discount    Profit    Loss	Degree Of A Polynomial
Percent Increase    Percent Decrease	Like Terms
Rate/Ratio                                  Proportion	Standard Form
Approximate	Monomial    Binomial
Whole    Integer	Coefficient    Constant
Real                  Rational                          Irrational	Trinomial    Quadratic
Repeating Decimal    Terminating Decimal	Factor Completely
Consecutive Integers	Greatest Common Factor
Consecutive Even Integers	Least Common Denominator
Consecutive Odd Integers	Conjugate Pairs
Prime                  Composite	<b>Angles</b>
Divisible	Degree Measure
Distinct	Ray/Opposite Rays
Square    Cube	Vertical Angles
<b>Measure</b>	Acute Angle    Obtuse Angle
Dimensional Analysis	Right Angle    Straight Angle
Miles    Yards    Feet    Inches	Adjacent Angles    Angle Bisector
Kilometers    Meters    Centimeters    Millimeters	Complementary    Supplementary
Days    Hours    Minutes    Seconds	
<b>Operations And Properties</b>	<b>Lines And Segments</b>
Sum    Difference	Between    Midpoint
Product                  Quotient                  Reciprocal	Point                  Line                  Plane
Undefined	Line Segment    Endpoint
Remainder	Length    Measure
Absolute Value	Parallel    Perpendicular
Closure Property	Transversal
Additive Identity                                  Additive Inverse	Alternate Interior Angles
Multiplicative Identity                  Multiplicative Inverse	Corresponding Angles
Associative Property	Same Side Interior Angles

Commutative Property	<b>Circles</b>			
Distributive Property	Diameter	Radius		
<b>Powers And Roots</b>	Circumference	Area		
Base Of A Power	Exponent	Concentric	Tangent	Inscribed Circumscribed
Square/Cube	<b>Polygons</b>			
Scientific Notation	Congruent		Similar	
Radical	Simplest Radical Form	Quadrilateral	Pentagon	Hexagon
Square Root	Radicand	Octagon	Decagon	Dodecagon
Rules For Exponents	Diagonal	Central Angle	Apothem	
Rules For Radicals	Interior Angle		Exterior Angle	
<b>Equations</b>	<b>Logic</b>			
Equivalent Equations	Open Sentence		Statement	
Solve Algebraically	Truth Value			
Variable	Conjunction		Disjunction	
Replacement Set	Solution Set	Negation		
Solution/Root	Venn Diagram			
Quadratic Equation	Conditional Statement			
System Of Two Linear Equations	Hypothesis		Conclusion	
System of A Linear and a Quadratic Equation	Converse		Inverse	
<b>Inequalities</b>	Contrapositive			
Minimum	At Least	Biconditional		
Maximum	At Most	Postulate	Theorem	
Greater Than	Logically Equivalent Statements			
Less Than				
Words in Word Problems				
Twice Double Triple				
Increased Decreased				
<b>Quadrilaterals</b>	<b>Transformations</b>			
Opposite (Sides/Angles)	Image	Preimage		
Rectangle Rhombus Square	Line Reflection			
Parallelogram Trapezoid	Line Symmetry			

Height Altitude	Point Symmetry	Rotational Symmetry
Trapezoid	Legs	Bases
Perimeter	Area	Properties and Proofs
<b>Solids</b>	<b>Probability</b>	
Cylinder	Combinations	Permutations
Pyramid/Sphere	Counting Principle	
Rectangular Prism	Factorial N	
Volume	Event	
<b>Triangles</b>	Sample Space	
Acute	Obtuse	Equiangular
Scalene	Isosceles	Equilateral
Vertex Angle Of An Isosceles Triangle	Subset	
Base Angles Altitude Median Angle Bisector	Tree Diagram	
Congruent SSS, SAS, ASA, AAS, HYLEG	Similar AA	Dependent Events
Corresponding (Angles/Sides)	Independent Events	
Altitude (Height)	Base	Favorable Outcomes
<b>Right Triangles</b>	Probability Of An Event	
Hypotenuse	Random	
Leg Of A Right Triangle	Successes (Favorable Outcomes)	
Pythagorean Theorem	And	Or
Proportion	Not	
Shadow Problems	<b>Statistics</b>	
<b>Trigonometry</b>	Average (Mean)	
Opposite	Adjacent	Hypotenuse
Tangent Ratio	Median	Mode
Cosine Ratio	Circle Graph	
Inverse Trigonometric Functions	Cumulative Frequency	
Angle of Elevation	Angle of Depression	Frequency Histogram
	Cumulative Frequency Histogram	
<b>Coordinate Geometry</b>	Box-And-Whisker Plot	
Grid/Origin	Percentile	Quartile
	Scatter Plot	
	Stem-And-Leaf Plot	
	<b>Locus</b>	
	Given Distance From a Point	
	Given Distance From a Line	
	Equidistant from Two Parallel Lines	
	Equidistant from Two Intersecting Lines (rays of an angle)	

X-Axis/Y-Axis	Equidistant from Two Points
Quadrant	
Ordered Pair	<b>Constructions</b>
X-Coordinate/Abcissa	Perpendicular Bisector of a Line Segment
Y-Coordinate/Ordinate	Angle Bisector      Perpendicular To A Point On A Line
	Copy an angle      Copy a Line Segment
	Triangle Given Three Segments
	Perpendicular From A Point To A Line
	Parallel to a Line Through a Point not on the Line
<b>More Coordinate Geometry</b>	<b>Formulas</b>
Distance Formula	Area Of    Rectangle      Square      Parallelogram
Midpoint Formula	Area Of      Triangle      Trapezoid
Collinear Points	Perimeter Of    Triangle      Rectangle      Square
Direct Variation      Inverse Variation	Circumference Of A Circle      Area Of A Circle
	Find Area By: Subtraction    Encasement    Dissection
Linear Equation	Volume Of A:    Rectangular Prism      Triangular Prism
Slope	Volume Of A:    Sphere      Cone
Slope-Intercept Form	Sum Of Interior Angles Of Regular Polygon
X-Intercept      Y-Intercept	Surface Area Of Rectangular Prism
Axis Of Symmetry	Measure Of Each Interior Angle Of Regular Polygon
Standard Form (Quadratic)	Measure Of Each Exterior Angle Of Regular Polygon
Turning Point Of A Parabola	Measure Of Central Angle Of Regular Polygon
Vertex Of A Parabola	Equation Of A Circle With Center (H.K) And Radius R.
System Of Equations	Exterior Angle Of A Triangle
Intersecting Lines	Triangle Inequality
Parallel Lines	Pythagorean Theorem
Perpendicular Lines	Base Angles Of An Isosceles Triangle
	Distance = Rate X Time
	Total Cost = Unit Price X Quantity
	Total cost = Monthly Rate X #Months + Initial Charge