

SAT Masters -Math

Eng. Mohamed El-Minshawy – +2 01144304897(WhatsApp)

Heart Of Algebra

- 1- Expressions
- 2- liner equation in one variable
- 3- liner equation in one variable graph and slopes
- 4- liner equation in two variables
- 5- Solve linear equation in two variables (elimination - substitution -graph)
- 6- liner equation in two variables slopes and graph
- 7- liner inequality (building and solving)

Problem Solving and Data Analysis

- 8- Ratios
- 9- proportional relationship - scale drawing
- 10- percentage
- 11- unit rate
- 12- Graph of relations ships (proportional and non)
- 13- liner vs exponential growth
- 14- Data - statistics
 - two way tables
 - population and samples
 - center of data and spread (mean - median mood - range)

Advanced Algebra math

- 15- functions
- 16- function translations - transformations
- 17- quadratics equations and parabola graph
- 18- quadratics equations algebraic forms (vertex - factors)
- 19- factorization
- 20- exponents (arithmetic operations)
- 21- radical and rational exponents
- 22- Equivalent form using structures
- 23- polynomials
- 24- solve system of equations (liner and quadratic)
- 25- arithmetic with polynomials and rational expressions

Additional Topics in Math

- 26- complex numbers
- 27- trigonometry - right triangle
- 28- triangles similarity
- 29- Companying similarity, right triangles, and trigonometric ratios
- 30- circles(arc - cord - angles - area - sectors)
- 31- volume

EST topics (CCS)

- 32- Limits
- 33- Sequances
- 34- Counting (nPr , nCr)
- 35- Asymptotes (Center of symmetry)
- 36- Logarithms (Log & ln)