GENERAL

Non-Calculator Questions   (SAT only)

Calculator Questions

Calculator Dependence

Word Problem

All Variables

Grid-In   (SAT only)

Chain of Questions

Foundational Knowledge

Calculator Dependence

Must be True

Two-Part

Imaginary Numbers

Power Rules

Inequalities & Absolute Values

Creating Figures

Given Figure

Drawn to Scale

Not Draw to Scale

Isolate the Figure

ALGEBRA

Use the Answers (UTA)

Plug Own Numbers (PON)

Creating Equations

Matrices

Selecting Equations

Manipulating Equations

Factoring

Composite Functions

Intersect Points

Linear Equations

Slope

Cartesian Coordinates

Parabolic Equations

Simultaneous Equations

Exponential Relations

Function Interpretation

GEOMETRY

Area / Perimeter

Volume / Surface Area

Circles

Sides / Angles

Relation of Angles in Figures

Similar Figures

Right Triangles

Special Triangles

NUMBER THEORY

Statistics

Mean / Med / Mode / Range

Probability

Permutations

Logic

Fractions

Percentages

Ratios

Proportions

Unit Conversions

Dimensional Analysis

Scaling

TRIGONOMETRY

SOH-CAH-TOA

1 Num.Theory; Inequalities & Absolute Value

2 Algebra; WP; Creating Eq; Linear Eq.

3 Number Theory; WP; Creating Eq; Ratios (Proportions)

4 Algebra; WP; Manipulating Eq; Selecting Eq

5 Geometry; Given Figure; Area/Perimeter

6 Algebra; Manipulating Eq (Factoring)

7 Number Theory; Creating Eq; Percentages

8 Algebra; Creating Eq; Solving Eq; UTA (Use the Answers)

9 Foundational Knowledge; Algebra (Slope, Linear Equations (\*\*Cartesian coordinates)); Creating Figures

10 Given Figure, Algebra (Slope, Linear Equations (\*\*Cartesian Coordinates))

11 Word Problem, Creating Equations (Matrices)

12 Given Figure (Drawn to Scale), Geometry (sides/angles, relation of angles in figures)

13 Chain; Given Figure; Word Problem; Number Theory (Percentages)

14 Chain; Given Figure; Word Problem; Number Theory (Ratios)

15 Chain; Given Figure; Word Problem; Number Theory (Ratios); Geometry (Circles, Relation of Angles in Figures)

16 Given Figure (Drawn to Scale); Number Theory (Ratio); Geometry (Area/Perimeter)

17 Geometry; Linear Eq; Slope

18 WP; Alg; Ratio

19 Math basics; power rules

20 Geometry; WP; Area/Per; Ratio; Creating Eq.; Creating Figures

21 Algebra; Factoring; Solve G.Eq.; UTA

22 Algebra; Power Rules; Factoring; Manupilating eq;

23 Geometry; Given Figure

24 Algebra; WP; Creating eq.(Selecting eq); Linear eq.

25 Geometry; Given Figure; Area/Per; Ratios (Similar Figures)

26 Algebra; Power rules; UTA; Solve eq; Ratio

27 Algebra; WP; Creating Eq; Linear Eq; Inter Points; Simult. Eq.; Creating Figures

28 WP; Statistics (Permutations)

29 Geometry; Vol/SA; Creating Figures

30 Algebra; WP; Exponential Rel

31 Geometry; Given Figure; Vol/SA

32 Algebra; Manipulating eq; Composite Function

33 Number Theory; Given Figure; Statistics; Mean/med/mode

34 Geometry; Given Figure; Sides/angles (Relation of Angles)

35 Algebra; Power rules

36 Algebra; Inequalities; Solving Equations

37 Geometry; WP; Given Figure; Circle; Linear Eq.

38 Geometry; Given Figure; Sides/Angles; Right Triangles; SOH-CAH-TOA

39 Geometry; Graph; Rel of angles (Sides/angles)

40 Number Theory; Power rules

41 Trigonometry; Given Figure; Selecting Equations; Sides/Angles

42 Number Theory (Fractions); Average

43 Geometry; Sides/Angles (Relation of angles to figure); Given Figure

44 Geometry (Area/Perimeter); Given Figure; Algebra (Creating Equation); Power Rules

45 Power Rules; Foundational Knowledge

46 Algebra (Manipulating Equation, Selecting Equation, UTAwer Choices); Inequalities/Absolute Value

47 Word Problem; Mean/Median/Mode; Creating Equation

48 Word Problem (All Variables); Algebra (Imaginary Numbers); Given Figure; Foundational Knowledge; Power Rules

49 Foundational Knowledge; Power Rules; Algebra (Manipulating Equation, Creating Equation)

50 Trigonometry; Given Figure; Function Interpretation; Foundational Knowledge

51 Foundational Knowledge; Statistics (Probability)

52 Given Figure (Drawn to Scale); Algebra; Linear Equation (Slope); Manipulating Equation; Geometry; Sides/Angles (Relation of Angles in Figure)

53 GIven Figure (Drawn to Scale); Trigonometry (SOH-CAH-TOA); Algebra (Two-Part)

54 Chain; Given Figure; Geometry (Circle, Area/Perimeter)

55 Chain; Given Figure; Geometry (Circle); Algebra (Selecting Equation)

56 Chain; Given Figure; Word Problem; Geometry (Circle); Algebra (Creating Equations); Creating Figures

57 Given Figure; Inequalities; Mean/Median/Mode; Creating Equation; PON; UTA

58 Word Problem (All Variables); Algebra (Creating Equation, Selecting Equation)

59 Given Figure; Geometry (Area/Perimeter)

60 Word Problem; Algebra (Creating Equation); Foundational Knowledge; Two-Part