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 Algebra; Manipulating Eq.; Factoring; Selecting Eq.; UTA

2 Algebra; Manipulating Eq.; Selecting Eq.

3 Algebra; Simultaneous Eq.; Factoring; UTA

4 Algebra; Manipulating Eq.; Factoring; UTA

5 Algebra; Simultaneous Eq.; Solve Given Eq.; UTA

6 Algebra; Word Problem; Linear Eq.

7 Algebra; Word Problem; Creating Eq.; Selecting Eq.; Percentages.

8 Algebra; Linear Eq.; Cartesian Coordinates; Creating Figure; UTA

9 Algebra; Word Problem; Creating Eq.; Inequalities

10 Algebra; Word Problem; Creating Eq.; Selecting Eq.; Simultaneous Eq.; Inequalities

11 Geometry; Given Figure; Sides/Angles (Rel. of Angles in Figures; Similar Figures)

12 Algebra; Power Rules; Manupilating Eq.; UTA

13 Algebra; Parabolic Eq.

14 Grid-In; Algebra; Manipulating Eq.

15 Grid-In; Algebra; Word Problem; Creating Eq.; Two-Part; Unit Conversion

16 Grid-In; Algebra; Factoring

17 Grid-In; Algebra; Word Problem; Factoring