

Numbers and Computations (Weight:17 – 19%)

Topic	Test Questions	Count	Score (/ 15)
Multiple Representations of Numbers (M2)	12, 15		/ 2
Understanding Scientific Notation (M2)	45		/ 1
Number Properties (associative, etc.) (M3)	62,64		/ 2
Appropriate Estimation Techniques (M4, M6,M7)	17,28,48,57		/ 4
Discount, Interest, Taxes, and Sales (M5)	4,10, 53		/ 3
Exact, Approximate, & Types of Numbers (M9)	27, 40		/ 2
Order of Operations	38		/ 1

Data Analysis (Weight: 19 – 25%)

Topic	Test Questions	Count	Score(/ 11)
Probability (M10)	3,52,65		/ 3
Graphs, Charts, Tables, Diagrams (M11, M13, M14)	46,56,58,59,60		/ 5
Mean, Median, Mode, Range (M15, M16)	21,36,37		/ 3

Measurements and Geometry (Weight: 32 – 34%)

Topic	Test Questions	Count	Score (/ 23)
Geometric Terms and Definitions (M31)	1, 9, 23, 49, 54		/ 5
Estimate Metric & Standard Measures(M18, 19,M21)	22, 32, 51		/ 3
Estimates & Solves Problems with Measurements. (M20)	39, 50		/ 2
Transformations (M22)	66		/ 1
Ratios, Similar Fig., Scaled Drawing (M23, M24, M40)	7,19, 30, 47		/ 4
Graphing Points (M25)	43		/ 1
Perimeter, Circumference, and Area (M26, M27)	8, 11, 41		/ 3
Volume & Formulas (M26, M27)	20, 26		/ 2
Pythagorean Theorem (M32)	44		/ 1
Solving for Unknown Angles (M31)	35		/ 1

Algebra (Weight: 28 – 30%)

Topic	Test Questions	Count	Score (/ 17)
Simplify Expressions & Solve Equations (M33, M38)	5, 16,31		/ 3
Translate words into Algebra (M37)	2, 6, 25, 42, 61		/ 5
Using Formulas, Evaluating Expressions (M34,M35)	13, 18		/ 2
Ratio and Proportions (M36, M39)	24, 33, 34, 55		/ 4
Solve Inequalities & Systems of Eq (M41, M44)	14		/ 1
Graphing Lines (M42, M43)	29, 63		/ 2