

Statistical Analysis, GMAT® Official Guide 2019

- Problem Solving questions 1-230 appear in Section 5.3 of the book, and Data Sufficiency questions 231-404, appear in Section 6.3.
- The Google sheet containing the following graphs and data can be viewed for free at <https://goo.gl/pDTgoY>.
The document is LIVE and will be updated through June 2019. No sign in is required.

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1.1 Popularity Matrix Sorted According to Question Type / Takeaway

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1.2 Popularity Matrix Sorted According to Question Type / Technique

Question Type / Technique	PS + DS Popularity	PS + DS Percentile*	PS Popularity (Qs 1-20)	PS Percentile* (Qs 1-20)	DS Popularity (Qs 21-40)	DS Percentile* (Qs 21-40)
Question Type / Technique	PS + DS Popularity	PS + DS Percentile*	PS Popularity (Qs 1-20)	PS Percentile* (Qs 1-20)	DS Popularity (Qs 21-40)	DS Percentile* (Qs 21-40)
Algebra	103	58%	17	52%	46	58%
Combinations & Probability	15	42%	11	71%	5	39%
Fractions & Decimals	30	50%	27	48%	6	51%
Geometry	51	50%	27	44%	24	58%
Integers	37	58%	21	62%	16	53%
Overlaps	12	60%	5	73%	7	43%
Percent	37	58%	21	62%	16	53%
Percent & Roots	47	61%	30	67%	17	53%
Ratio	15	53%	10	49%	5	58%
Ratios	19	41%	12	40%	7	43%
Statistics	46	58%	28	54%	18	63%
DS: Do not assume that the quantities are integers	T	1			1	41%
DS: Double Overlap - Usually C or E	T	6			6	38%
DS: Geometry: Drawings are unreliable	T	1			1	98%
DS: Geometry: Geometric Sizes are Always Positive	T	1			1	97%
DS: Geometry: Mentally Sketch! The Drawing...	T	13			13	47%
DS: Geometry: The Area Regular the Shapes...	T	1			1	71%
DS: What is the value of X? - Find a Single Value	T	9			9	51%
DS: A Single Equation Contains Two Variables	T	2			2	53%
DS: A Single Quadratic Equation with a Single Variable - (insufficient)	T	3			3	52%
DS: Do not Find the Value about which You are Asked	T	30			30	33%
DS: If Statement (I) is Too Complex - BD / ACE	T	9			9	49%
DS: "If/then" questions - Even a "No" is Sufficient	T	5			5	21%
DS: Inaccurate Expressions Only - Insufficient	T	8			8	25%
DS: Refer to the 2 Statements Separately	T	1			1	6%
DS: Relative Expression + Accurate Quantity - Sufficient	T	10			10	40%
DS: Simplify: Figure out What's Needed ahead of Time	T	4			4	32%
DS: The Greater the Number of Different Data Required - C or E	T	4			4	11%
DS: The Initial Data, Statement 1 & 2 will NEVER contradict...	T	18			18	65%
DS: Tricky Questions - Work Thoroughly, Slowly	T	3			3	77%
DS: Two Different Conclusions? Yes - Insufficient, No - Sufficient	T	72			72	58%
DS: Two Distinct Linear Equations with Two Variables - Sufficient	T	8			8	9%
General, (Multiple) Variables	T	11	11	53%		
General, Approximate	T	1			1	31%
General, Be an Optimist	T	7			7	35%
General, Complex Expression, Always Simplify	T	38	40%	28	11	48%
General, Complex Expression, Connecting Element	T	9	70%	2	79%	3
General, Complex Expression, Don't do the Math	T	14	48%	15	49%	1
General, Complex Expression, Extract Common Factor	T	14	53%	13	58%	1
General, Complex Vested Expression	T	3	49%	3	49%	1
General, Concomit	T	10	21%	7	27%	3
General, Fewer + More than 5 Slopes or 12 Counts	T	11	34%	3	28%	2
General, General Approach	T	3			3	63%
General, General Tip	T	6			6	49%
General, Greater / Least Value	T	5			5	23%
General, Greater / Least Value	T	2			2	68%
General, Greater / Least Value	T	5			5	23%
General, Greater / Least Value	T	4			4	78%
General, Greater / Least Value	T	28	58%	25	58%	3
General, Greater / Least Value	T	5	62%	4	38%	1
General, Greater / Least Value	T	6			6	53%
General, Greater / Least Value	T	4	76%	2	64%	2
General, Greater / Least Value	T	19	44%	13	29%	6
General, Greater / Least Value	T	61	49%	51	44%	10
General, Greater / Least Value	T	3			3	38%
General, Greater / Least Value	T	7			7	52%

1.3 Popularity Matrix Sorted According to Number of Questions (Problem Solving & Data Sufficiency)

Question Type / Technique	PS + DS Popularity	PS + DS Percentile*	PS Popularity (Qs 1-200)	PS Percentile* (Qs 1-200)	DS Popularity (Qs 201-400)	DS Percentile* (Qs 201-400)
Question Type / Takeaway						
Algebra	QT	12	58%	57%	46%	56%
DS: Can Different Conclusions? Yes - Insufficient; No - Sufficient	T	61	49%	51	44%	54%
General, List Numbers	T	61	49%	51	44%	54%
Algebra, Equations	QT	54	57%	53%	40%	51%
Geometry	QT	51	50%	47%	34%	52%
Geometry, 2D	QT	47	49%	45%	32%	57%
Algebra, Inequalities	QT	46	50%	48%	31%	53%
Algebra, Fractions & Decimals	QT	43	60%	58%	21%	57%
General, Complex Expression, Always Simplify	QT	39	59%	53%	11%	48%
Integers	QT	37	58%	51%	10%	53%
DS: Do not Find the Value about Which You are Asked	T	30	56%	25%	58%	30%
General, Must Questions (distinction made in order to solve)	T	28	48%	45%	9%	49%
Fractions & Decimals, Fractions	T	27	48%	44%	8%	47%
Algebra, Equations, Quadratic Equations	T	24	49%	45%	9%	49%
Integers, Divisibility & Prime Numbers	T	21	60%	55%	6%	60%
Algebra, Equations, Quadratic Equations	T	20	49%	45%	7%	49%
Percentages, Changes	T	20	49%	45%	8%	49%
Statistics, Average	T	19	59%	51%	9%	59%
DS: Relative Expression + Accurate Quantity - Sufficient	T	19	44%	43%	19%	40%
General, Setting up an Equation	T	19	44%	43%	19%	40%
Algebra	QT	19	41%	42%	40%	43%
DS: The Initial Data, Statement 1 & 2 will NEVER contradict...	T	18	49%	45%	9%	49%
Combinatorics & Probability	QT	18	56%	51%	71%	5%
Geometry, 2D, Triangles	QT	16	49%	46%	8%	48%
Algebra, Complex Expression, Extract Common Factor	QT	15	53%	50%	6%	50%
Algebra, Equations, Product / Quotient (Equal to Zero)	T	14	53%	49%	13%	48%
Power & Roots, Common Powers	T	14	57%	52%	2%	36%
Algebra, Equations, Product / Quotient (Equal to Zero)	T	13	54%	50%	8%	45%
DS: Geometry, Mentally Sketch the Drawing	T	13	47%	43%	13%	47%
Fractions & Decimals, Fractions, Add or Subtract	T	13	47%	43%	13%	47%
Algebra, Equations, Simultaneous Equations	T	12	47%	44%	6%	52%
Overlaps	QT	12	47%	44%	6%	52%
General, Must Questions (distinction made in order to solve)	T	11	58%	53%	5%	58%
General, Fewer / More than 5 Steps or 12 Counts	T	11	34%	9%	34%	2%
Statistics, Combinatorics	T	11	52%	47%	4%	47%
Statistics, Arithmetic Set	T	11	49%	46%	9%	50%
Algebra, Inequalities, Product / Quotient (Not Equal to Zero)	T	10	49%	46%	9%	50%
Combinatorics & Probability, Probability	T	9	49%	46%	9%	50%
DS: Value is the value of X? - Full & Single Value	T	9	49%	46%	9%	50%
DS: Statement (1) is Too Complex - BD / ACE	T	9	49%	46%	9%	50%
Fractions & Decimals, Fractions, Double Two Fractions	T	9	49%	46%	9%	50%
Integers, Digits	T	9	49%	46%	9%	50%
Challenges, Double Overlap	T	9	49%	46%	9%	50%
DS: Inequality Expressions Only - Insufficient	T	8	49%	46%	9%	50%
DS: Two Distinct Linear Equations with Two Variables - Sufficient	T	8	49%	46%	9%	50%
Fractions & Decimals, Decimals	T	8	49%	46%	9%	50%
Rates, Distance	T	8	49%	46%	9%	50%
Statistics, Averages, Weighted Average Axis	T	8	49%	46%	9%	50%
Combinatorics & Probability, Combinatorics	T	7	49%	46%	9%	50%
General, Be an Optimist	T	7	49%	46%	9%	50%
General, Which of the Following?	T	7	49%	46%	9%	50%
Algebra, Equations, Single Equation Containing Two Variables	T	6	49%	46%	9%	50%
Algebra, Inequalities, Absolute Values	T	6	49%	46%	9%	50%
DS: Double Overlap - Usually C or E	T	6	49%	46%	9%	50%
Fractions & Decimals, Decimals, Multi / Div Two Decimals	T	6	49%	46%	9%	50%
General, Remainder	T	6	49%	46%	9%	50%
Geometry, 2D, Circles	T	6	49%	46%	9%	50%
Geometry, 2D, Similar Polygon Shape / Hybrid Areas	T	6	49%	46%	9%	50%
Rates, Work	T	6	49%	46%	9%	50%
DS: Is "fractur" questions - Even a "No" is Sufficient	T	5	70%	2%	70%	5%
General, Complex Expression, Connecting Element	T	5	49%	46%	9%	50%
General, Greatest / Least Value	T	5	49%	46%	9%	50%
General, Profit	T	5	49%	46%	9%	50%
Geometry, 2D, Area Ratios, Common Systems / (Exponential Shapes	T	5	49%	46%	9%	50%
Integers, Remainder	T	5	49%	46%	9%	50%
Algebra, Inequalities, Double Inequality	T	4	76%	3%	74%	1%
DS: Simplify, Figure out What's Needed ahead of Time	T	4	49%	46%	9%	50%
DS: The Greater the Number of Different Data Required - C or E	T	4	49%	46%	9%	50%
Fractions & Decimals, Decimals, Multi / Div, By 10^n	T	4	49%	46%	9%	50%
Fractions & Decimals, Fractions, Multiply Two Fractions	T	4	49%	46%	9%	50%
General, Maybe Questions (distinction made in order to solve)	T	4	49%	46%	9%	50%
General, Rounding	T	4	49%	46%	9%	50%
Geometry, 2D, Polygons	T	4	49%	46%	9%	50%
Geometry, 2D	T	4	49%	46%	9%	50%
Percentages, Compound Interest	T	4	49%	46%	9%	50%
Rates, Work, Combined rates	T	4	49%	46%	9%	50%
Statistics, Range	T	4	49%	46%	9%	50%
Statistics, Standard Deviation	T	4	49%	46%	9%	50%
DS: A Single Quadratic Equation with a Single Variable - (insufficient)	T	3	49%	46%	9%	50%
DS: Today Questions - Work Thoroughly, Slowly	T	3	49%	46%	9%	50%
Fractions & Decimals, Fractions, Change Expressed as Fraction	T	3	49%	46%	9%	50%
General, Complex Value Expression	T	3	49%	46%	9%	50%
General, General Approach	T	3	49%	46%	9%	50%
General, Units, Right, Indefinite, Quantization	T	3	49%	46%	9%	50%
Geometry, 2D, Quadrilaterals	T	3	49%	46%	9%	50%
Geometry, 2D, Triangles, Isosceles	T	3	49%	46%	9%	50%
Geometry, 2D, Area	T	3	49%	46%	9%	50%
Geometry, Inserting / Filling / Combining (Non) Rigid Shapes	T	3	49%	46%	9%	50%
Integers, Odd & Even Numbers	T	3	49%	46%	9%	50%
Overlaps, Triple Overlap	T	3	49%	46%	9%	50%
Percentages, Fraction / Percent Tree	T	3	49%	46%	9%	50%
Power & Roots, Div / Mult, by own Root	T	3	49%	46%	9%	50%
Power & Roots, Extract an Integer from under a Root	T	3	49%	46%	9%	50%
Power & Roots, Odd and Even	T	3	49%	46%	9%	50%
Rates, Distance, Average rate	T	3	49%	46%	9%	50%
Statistics, Averages, Changes to Items	T	3	49%	46%	9%	50%
Algebra, Inequalities, Product / Quotient Smaller / Greater than 0	T	2	49%	46%	9%	50%
DS: A Single Equation Containing Two Variables...	T	2	49%	46%	9%	50%
General, Conjugate Tables	T	2	49%	46%	9%	50%
Geometry, 2D, Triangles, Right, Equilateral / "30-60-90"	T	2	49%	46%	9%	50%
Geometry, 2D, Triangles, Right, Isosceles	T	2	49%	46%	9%	50%
Rates, Ratio Table	T	2	49%	46%	9%	50%
Algebra, Equations, Unrelated Fraction / Quotient	T	1	49%	46%	9%	50%
Algebra, Inequalities, Range	T	1	49%	46%	9%	50%
DS: Do not assume that the questions are integers	T	1	49%	46%	9%	50%
DS: Geometry, Drawings are unreliable	T	1	49%	46%	9%	50%
DS: Geometry, Geometric Sizes are Always Positive	T	1	49%	46%	9%	50%
DS: Geometry, The Area Regular the Shape	T	1	49%	46%	9%	50%
DS: Refer to the 2 Statements Separately	T	1	49%	46%	9%	50%
Fractions & Decimals, (Non) Terminating Decimal	T	1	49%	46%	9%	50%
General, Approximation	T	1	49%	46%	9%	50%
Rates, Work, Chases	T	1	49%	46%	9%	50%
Statistics, Normal Distribution	T	1	49%	46%	9%	50%
DS-Specific Takeaways						

1.4 Popularity Matrix Sorted According to Percentile (Problem Solving & Data Sufficiency)

Question Type / Takeaway	PS + DS Popularity	PS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Qs 1-250)	PS + DS Percentile* (Qs 1-250)	DS Percentile* (Q
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1.5 Popularity Matrix Sorted According to Number of Questions (Problem Solving)

[illegible]

1.6 Popularity Matrix Sorted According to Percentile (Problem Solving)

Question Type / Topic	PS + DS Popularity (Q1-225)	PS + DS Percentile (Q1-225)	PS Popularity (Q1-225)	PS Percentile (Q1-225)	DS Popularity (Q1-225)	DS Percentile (Q1-225)	
Fractions & Decimals, (Non) Terminating Decimal	1	1	1	88%	2	73%	
Rates, Distance, Average rate	3	81%	1	87%	2	73%	
Overlaps, Triple Overlap	3	2	1	83%	2	65%	
General, Rounding	T	1	1	83%	2	65%	
Algebra, Inequalities, Range	T	5	70%	1	83%	3	59%
General, Complex Expression, Connecting Element	T	1	70%	1	83%	3	59%
Combinatorics & Probability, Combinators	7	76%	6	78%	1	74%	
Algebra, Inequalities, Double Inequality	4	76%	6	78%	1	74%	
Statistics, Averages, Weighted Average Axis	8	76%	6	77%	2	75%	
General, Major Questions (distinction made in order to solve)	T	4	76%	6	77%	2	75%
Geometry, 2D, Quadrilaterals	QT	3	75%	1	76%	2	74%
Overlaps	13	60%	5	73%	7	43%	
Powers & Roots, Common Powers	14	57%	12	73%	2	36%	
Statistics, Normal Distribution	1	1	1	73%	2	36%	
Combinatorics & Probability	QT	18	57%	11	71%	5	36%
Algebra, Inequalities, Operations / Non-Arithmetic Sequences	10	75%	8	71%	2	81%	
Integers, Digits	9	63%	3	70%	6	54%	
Geometry, 2D, Triangles, Right, Equilateral / "30-60-90"	2	65%	2	69%	2	57%	
Statistics, Arithmetic Set	11	65%	6	69%	5	59%	
Geometry, 2D, Triangles, Right, Isosceles	2	69%	1	71%	1	73%	
Powers & Roots	QT	47	61%	30	67%	17	53%
Algebra, Equations, Quadratic Equations	20	68%	13	68%	7	68%	
Algebra, Equations, Product / Quotient (Ind) Equal to Zero	13	54%	8	65%	5	40%	
Integers, Remainders	5	5	5	64%	5	64%	
General, General T	T	6	66%	3	63%	3	68%
Combinatorics & Probability, Probability	9	49%	5	63%	4	33%	
Powers & Roots, Extract an Integer from under a Root	3	49%	3	63%	4	33%	
Integers	QT	37	58%	21	62%	16	53%
Algebra, Inequalities	43	60%	18	61%	27	59%	
Geometry, 2D	4	69%	2	60%	2	73%	
Algebra, Equations	14	57%	13	60%	1	65%	
Algebra	QT	103	58%	57	60%	46	56%
Integers, Divisibility & Prime Numbers	60%	60%	57	60%	46	56%	
General, Most Questions (distinction made in order to solve)	T	21	60%	15	59%	6	60%
Percent, Change, Compound Interest	28	56%	25	58%	3	53%	
General, Complex Expression, Extract Common Factor	T	4	49%	3	58%	1	17%
Algebra, Equations, Simultaneous Equations	14	53%	13	58%	1	46%	
Fractions & Decimals, Fractions, Multiply Two Fractions	11	58%	6	57%	5	58%	
Geometry, 2D, Unilateral Polygon Shape / Hybrid Areas	6	51%	4	56%	2	44%	
General, Multiple Variables	T	11	55%	11	55%	1	55%
General, Roman Numerals	T	6	51%	6	55%	1	55%
Statistics, Averages	20	59%	16	55%	9	64%	
Statistics	QT	46	58%	28	54%	18	53%
Overlaps, Double Overlap	9	49%	2	43%	7	43%	
Fractions & Decimals, Fractions, Add or Subtract	13	59%	13	53%	7	68%	
Fractions & Decimals, Decimals, Mult / Div by 10%	2	4	59%	2	53%	2	68%
Statistics, Median	15	51%	8	53%	7	50%	
Geometry, 2D, Area Ratio, Common Systems / (Decimial) Shapes	5	52%	5	53%	5	52%	
Algebra, Inequalities, Absolute Values	6	60%	3	52%	3	72%	
Fractions & Decimals, Fractions	T	7	52%	7	52%	7	52%
General, Which of the Following?	T	3	52%	3	52%	3	52%
Percent, Fraction / Percent Time	3	51%	3	51%	3	51%	
Rates, Work	6	34%	5	50%	1	12%	
Rates	QT	15	33%	10	49%	5	58%
General, Graphs / Tables	T	2	2	2	49%	2	54%
Fractions & Decimals, Fractions	27	48%	24	49%	3	47%	
Rates, Work, Combined rates	4	33%	3	43%	1	12%	
General, Complex Verbal Expression	T	3	49%	2	49%	1	49%
Rates, Distance	8	58%	4	49%	4	69%	
General, Complex Expression, Don't do the Math	T	24	48%	15	49%	9	48%
Fractions & Decimals	QT	39	50%	33	48%	6	53%
Percent	16	50%	38	48%	18	53%	
Percent, Changes	1	49%	15	48%	5	49%	
Rates, Work, Change	1	48%	1	48%	2	59%	
Statistics, Standard Deviation	9	48%	1	48%	2	59%	
Fractions & Decimals, Fractions, Divide Two Fractions	9	47%	9	47%	2	60%	
Fractions & Decimals, Decimals	6	50%	6	47%	2	60%	
Fractions & Decimals, Decimals, Mult / Div two Decimals	6	50%	6	47%	24	58%	
Geometry	QT	61	50%	27	48%	34	58%
Geometry, 2D, Polygons	4	67%	3	44%	1	98%	
Geometry, 2D, Triangles	11	40%	8	48%	8	49%	
Geometry, 2D, Triangles, Right	12	47%	6	44%	6	50%	
General, Log Numbers	T	65	46%	52	44%	10	54%
General, Complex Expression, Always Simplify	39	45%	28	43%	11	48%	
General, Complex Expression, Don't do the Math	QT	47	49%	25	43%	22	57%
Geometry, 2D	11	52%	7	48%	4	67%	
Geometry, 2D, Coordinate Geometry	QT	19	41%	12	42%	7	43%
Rates	5	62%	4	43%	1	54%	
General, Profit	3	51%	2	37%	1	71%	
Powers & Roots, Div / Mult by own Root	T	3	51%	2	37%	1	71%
General, Units digit, Subtracking, Guessimation	T	5	5	5	35%	1	81%
General, Greater / Least Value	T	7	50%	7	35%	2	82%
General, Is an Optimal	T	11	34%	9	34%	2	34%
General, Fewer / More than 5 Steps or 12 Counts	3	54%	2	33%	1	81%	
Statistics, Range	T	4	58%	2	33%	2	82%
General, Approximation	T	1	1	1	31%	1	87%
Geometry, 2D, Triangles, Isosceles	3	40%	3	30%	3	40%	
General, Setting up an Equation	T	19	44%	13	29%	6	43%
Geometry, 2D, Circle	6	40%	2	28%	4	50%	
General, General Approach	T	3	21%	3	28%	3	14%
General, Conversion	10	21%	1	27%	3	14%	
Rates, Ratio Table	2	2	1	23%	2	23%	
Statistics, Averages, Changes to Items	3	3	2	18%	1	98%	
DS, Geometry: Drawings are unreliable	T	1	1	1	98%	40%	
DS, Geometry: Geometric Size are Always Positive	T	1	1	1	97%	1	
DS, Ticky Questions - Work Thoroughly, Slowly	T	3	3	3	77%	3	
DS, Geometry: The Area Regular the Shape	T	1	1	1	71%	1	
Powers & Roots, Odd and Even	T	3	3	3	67%	3	
DS: The Initial Data, Statement 1 & 2 are NEVER combined	18	25%	14	24%	11	24%	
DS: Two Different Conclusions? Yes - Insufficient; No - Sufficient	72	68%	72	58%	40%	62%	
Algebra, Equations, Single Equation Containing Two Variables	T	2	2	2	53%	2	
DS: A Single Equation Containing Two Variables	T	2	2	2	53%	2	
DS: Is a Single Quadratic Equation with a Single Variable - (p-sufficient)	T	2	2	2	53%	2	
DS: "Not in the value of 0" - Find a Single Value	T	9	9	9	51%	9	
DS: Statement (1) is Too Complex - B/E / ACE	T	9	9	9	49%	49%	
DS, Geometry: Mentally Sketch the Drawing	T	13	13	13	47%	47%	
Algebra, Equations, Undefined Fraction / Quotient	1	1	1	46%	1	46%	
Integers, Odd & Even Numbers	3	3	3	49%	3	49%	
DS: Do not assume that the quantities are integers	T	1	1	1	41%	31%	
DS: Relative Expressions - Accurate Quantity - Sufficient	T	19	19	19	40%	40%	
Algebra, Inequalities, Product / Quotient Smaller / Greater than 0	T	6	6	6	39%	39%	
DS: Double Overlap - Usually C or E	T	4	4	4	32%	32%	
DS: Do not find the Value about which You are Asked	T	8	8	8	29%	29%	
DS: Simply Figure out What's Needed ahead of Time	T	4	4	4	25%	25%	
DS: Inaccurate Expressions Only - Insufficient	T	8	8	8	23%	23%	
DS: "Is this/that" questions - Even "No" is Sufficient	T	8	8	8	21%	21%	
DS: The Greater the Number of Different Data Required - C or E	T	4	4	4	11%	11%	
DS: Two Distinct Linear Equations with Two Variables - Sufficient	T	8	8	8	22%	22%	
DS: Refer to the 2 Statements Separately	T	1	1	1	6%	24%	

1.7 Popularity Matrix Sorted According to Number of Questions (Data Sufficiency)

[illegible]

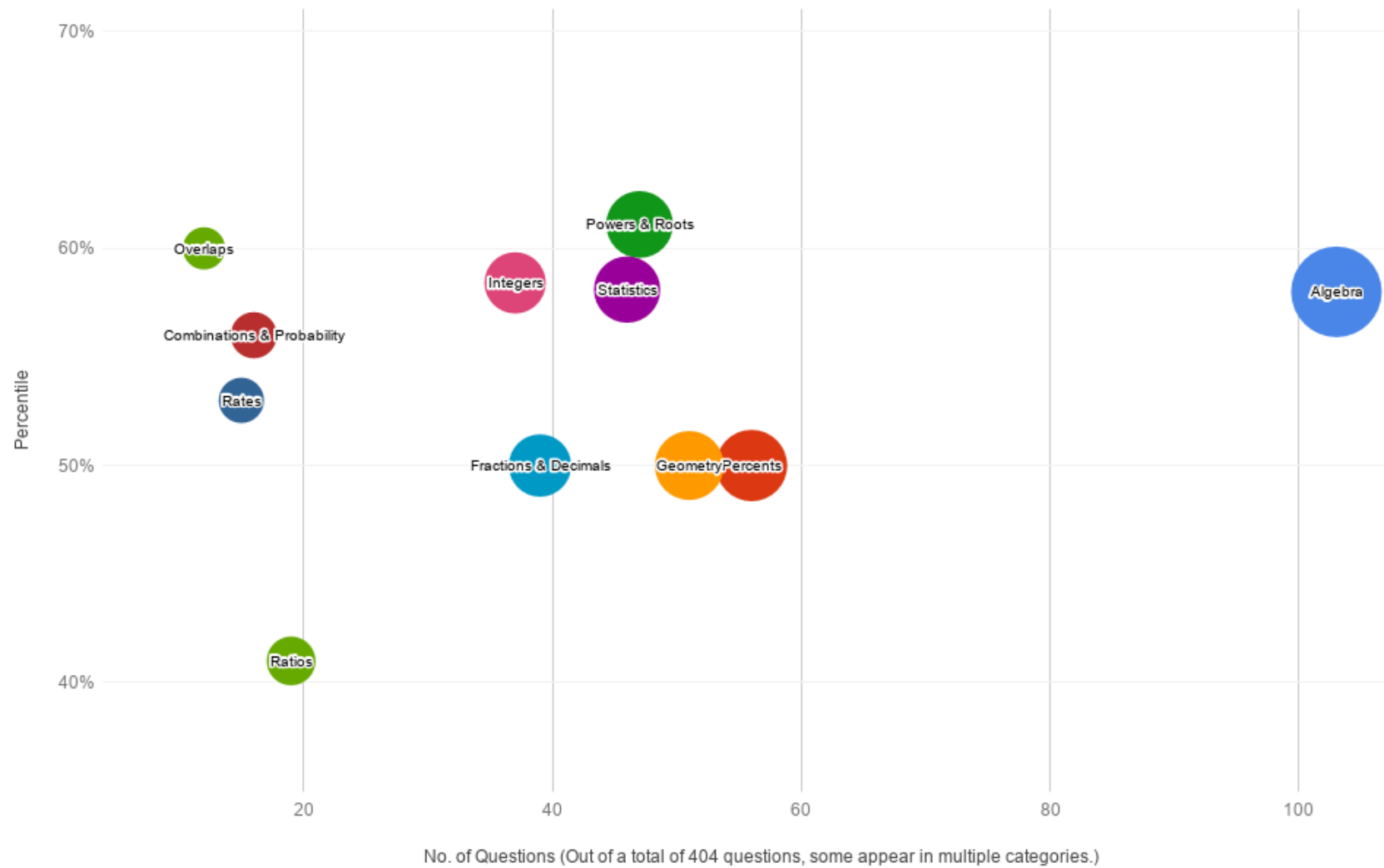
1.8 Popularity Matrix Sorted According to Percentile (Data Sufficiency)

[illegible]

2.0 Problem Solving & Data Sufficiency

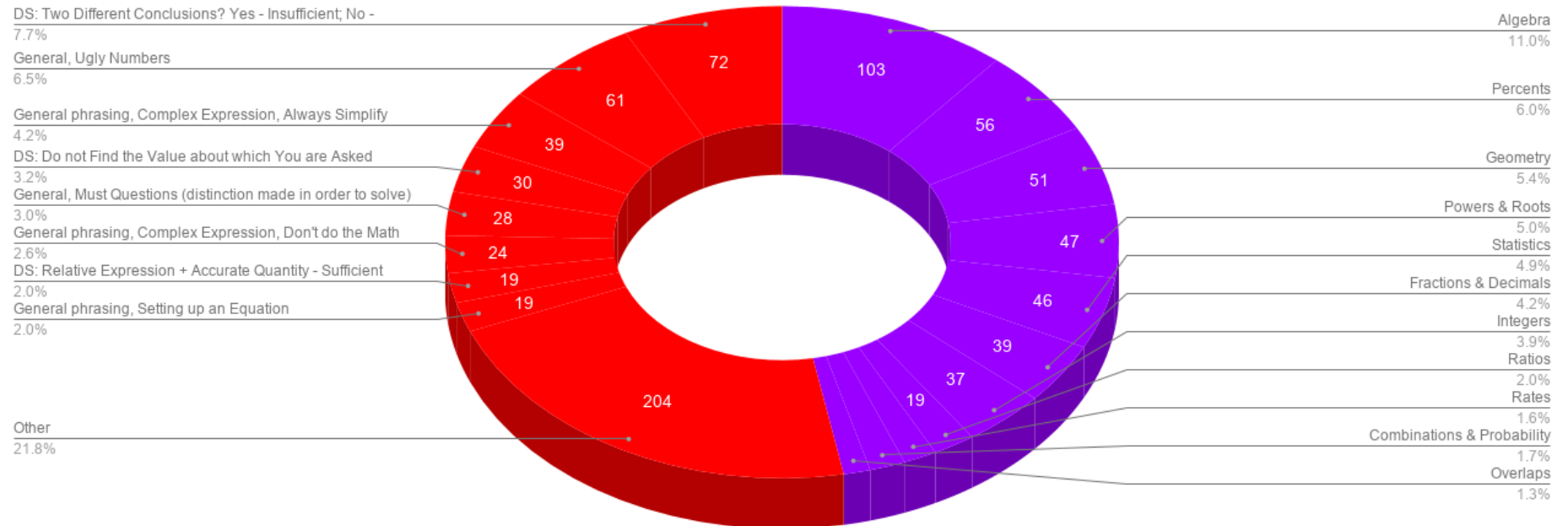
2.1 Question Types, Percentiles (Estimated)

* Out of a total of 404 questions, some appear in multiple categories.



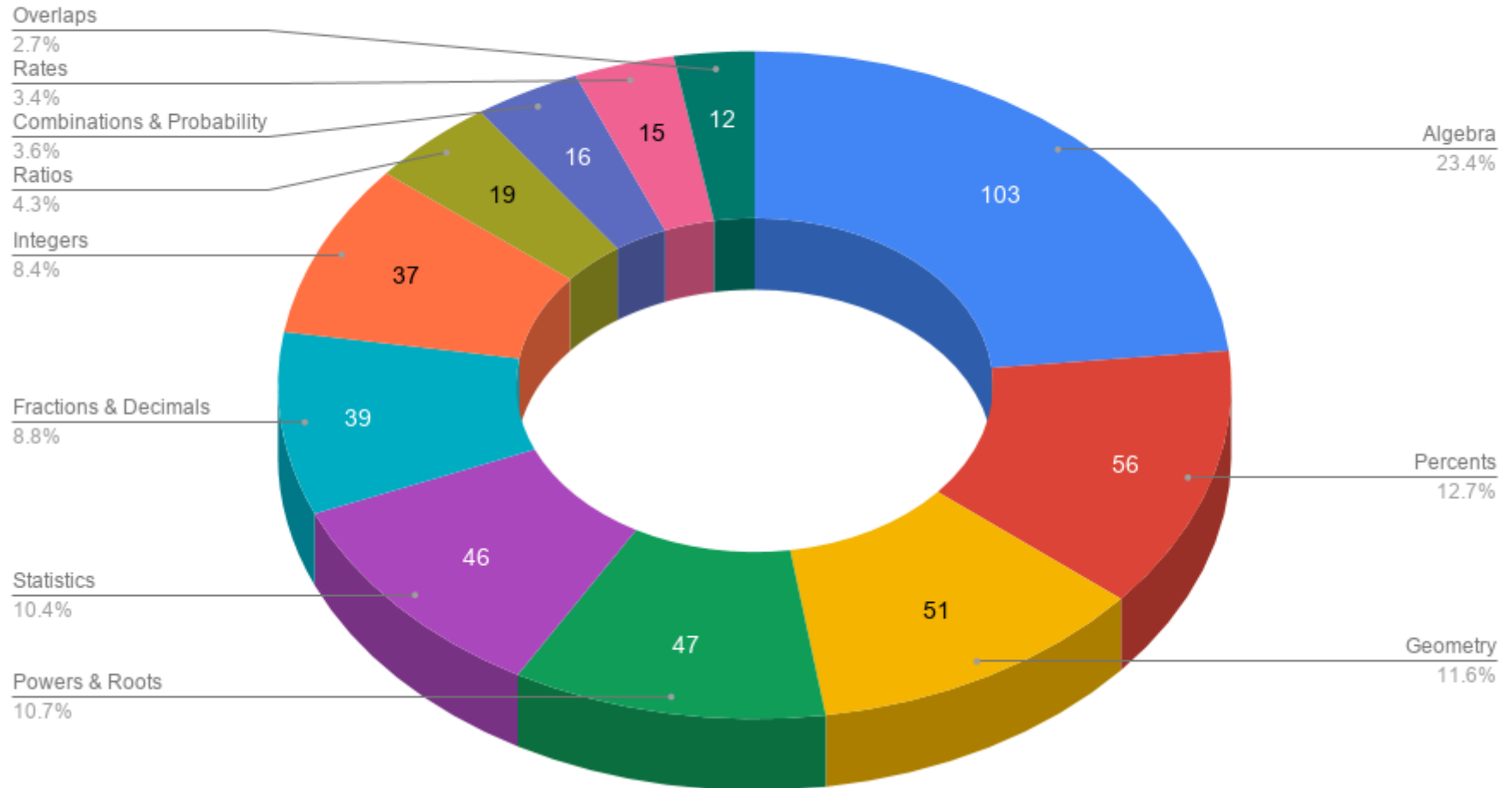
2.2 Top 20 Techniques/ Question Types

* Out of a total of 404 questions, some appear in multiple categories.



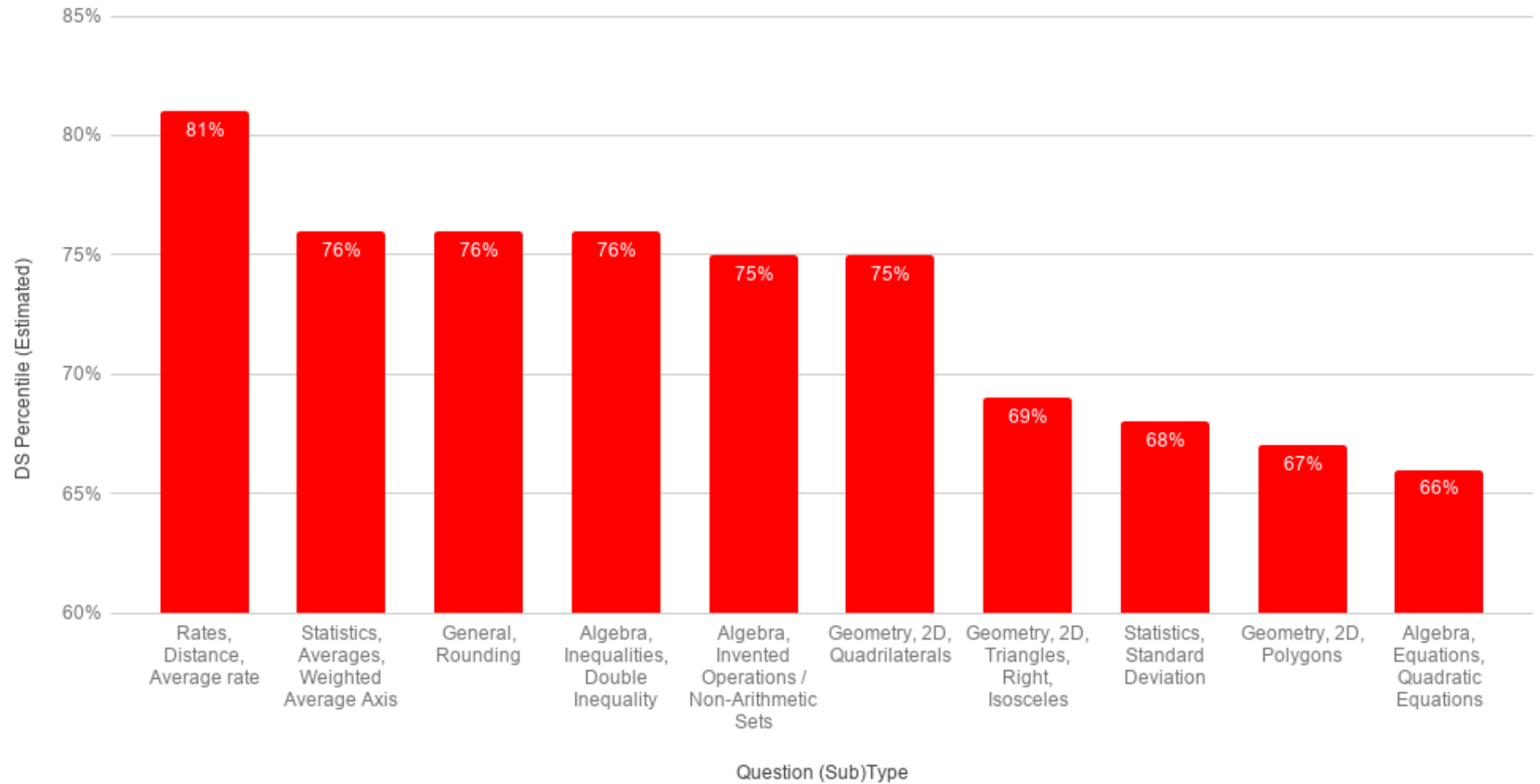
2.3 Question Types

* Out of a total of 404 questions, some appear in multiple categories.



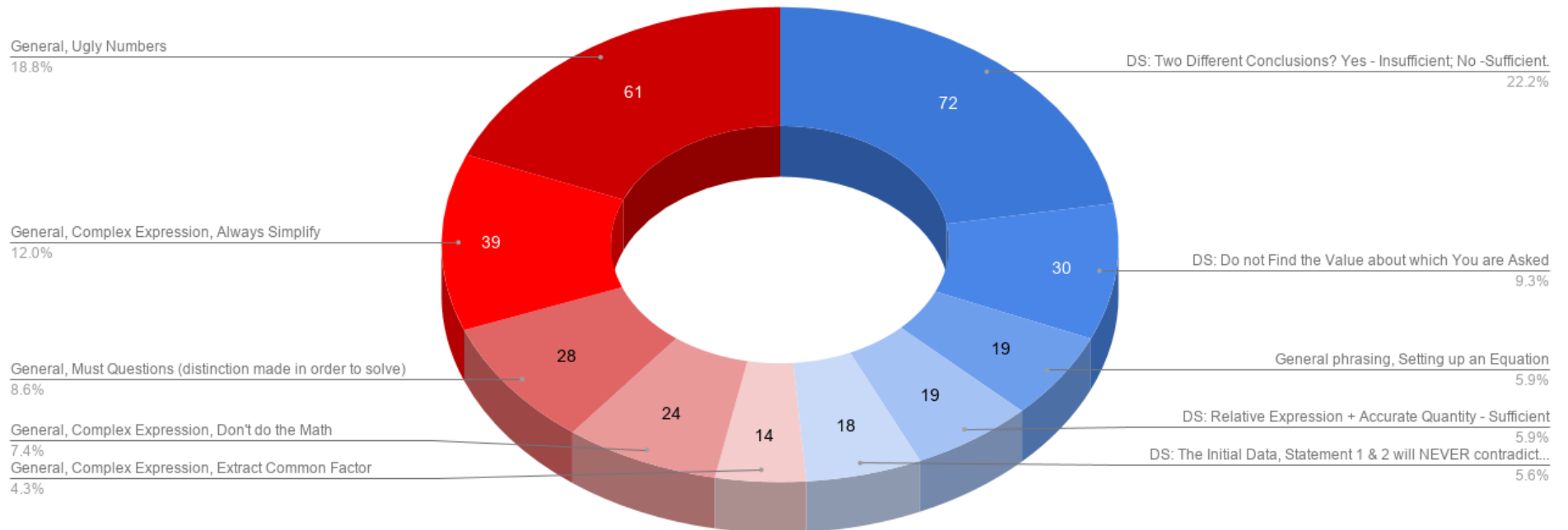
2.4 10 Hardest Question-(Sub)Types

*Two-question minimum



2.5 Top 10 Techniques

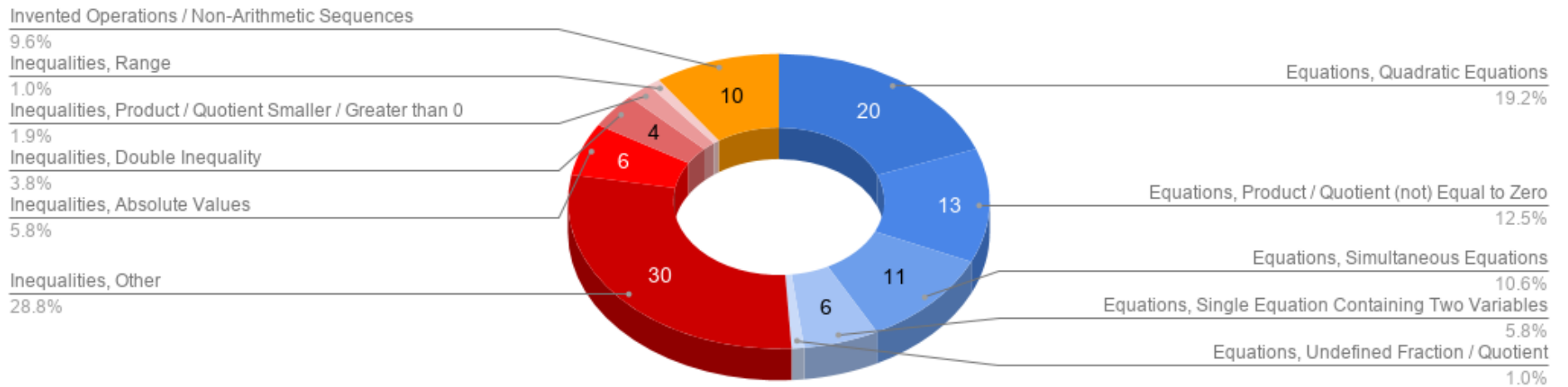
* Out of a total of 404 questions, some appear in multiple categories.



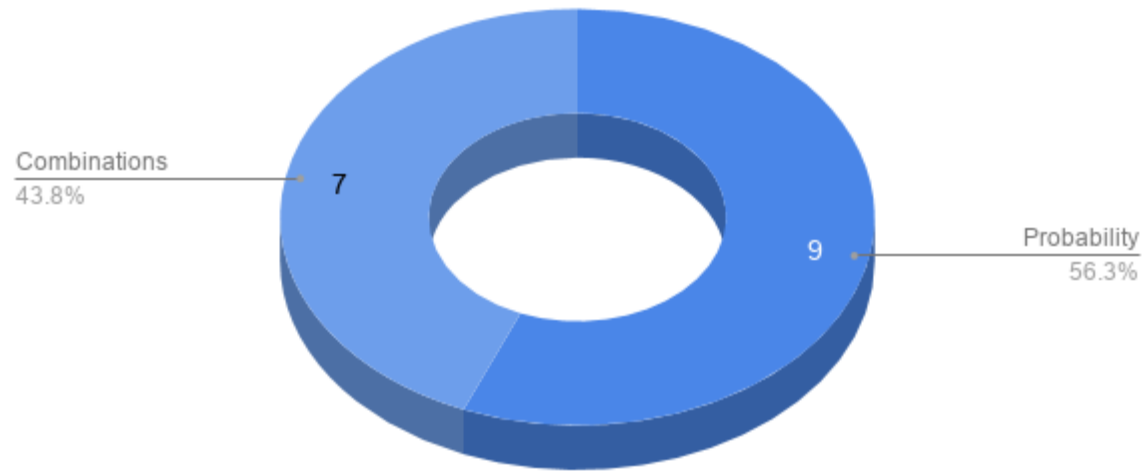
3.0 Question Subtypes

3.1 Algebra (103 Questions)

* Some of the questions appear in multiple categories.

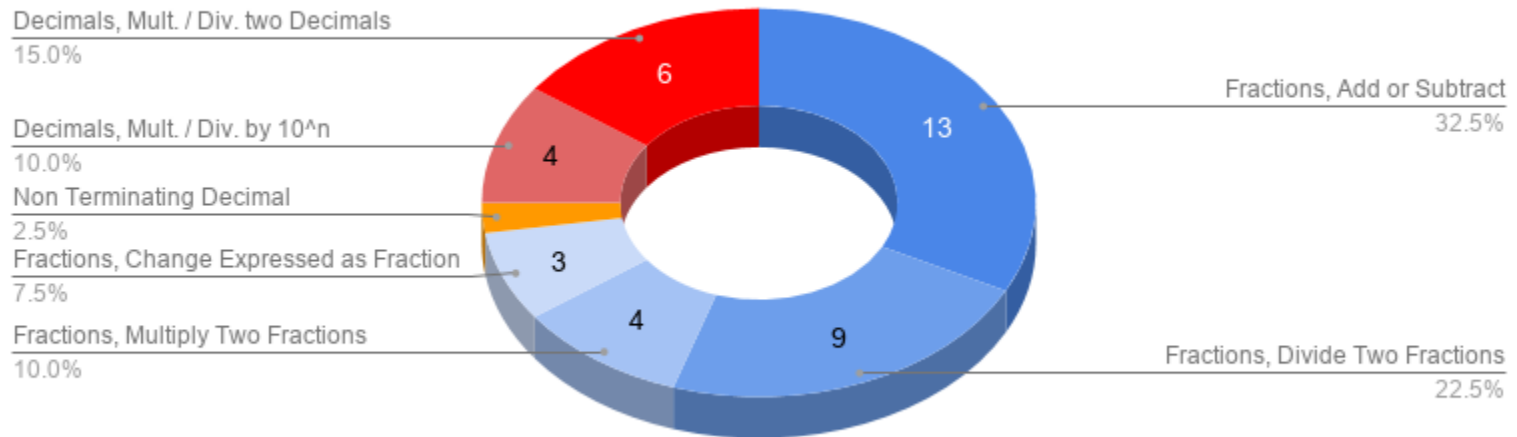


3.2 Combinations & Probability (16 Questions)



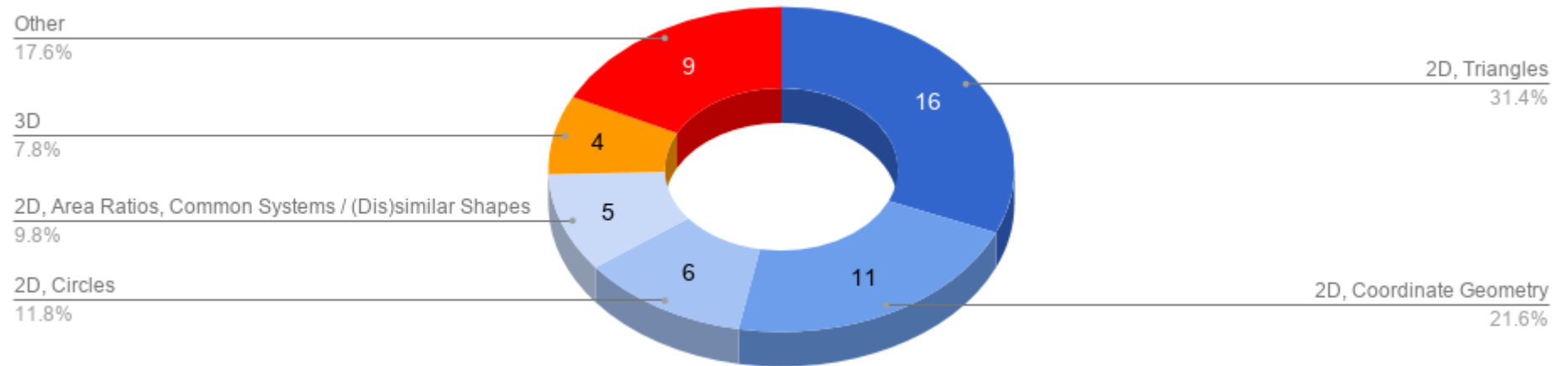
3.3 Fractions & Decimals (39 Questions)

* Some of the questions appear in multiple categories.



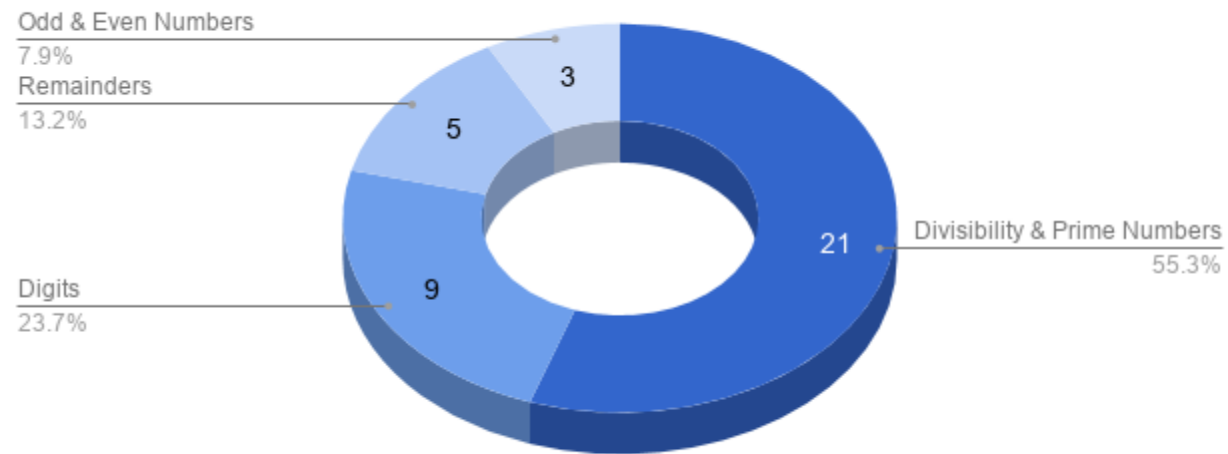
3.4 Geometry (51 Questions)

* Some of the questions appear in multiple categories.

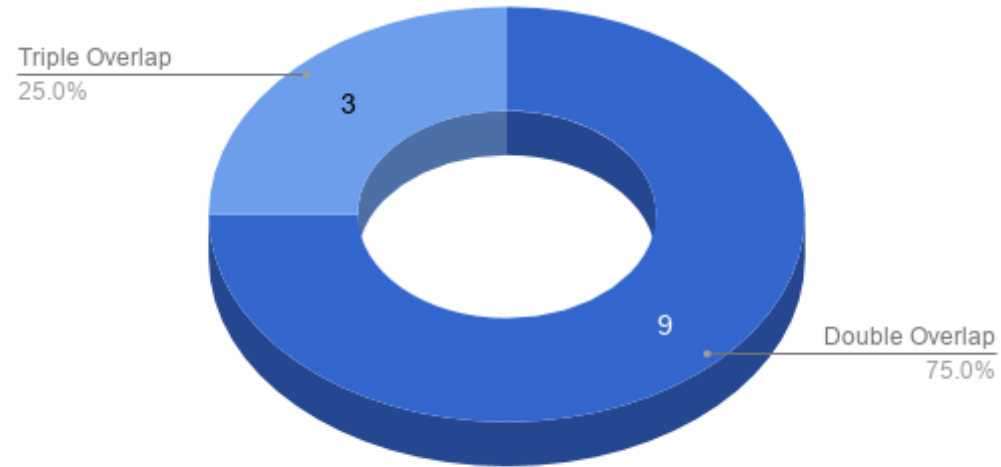


3.5 Integers (37 Questions)

* Some of the questions appear in multiple categories.

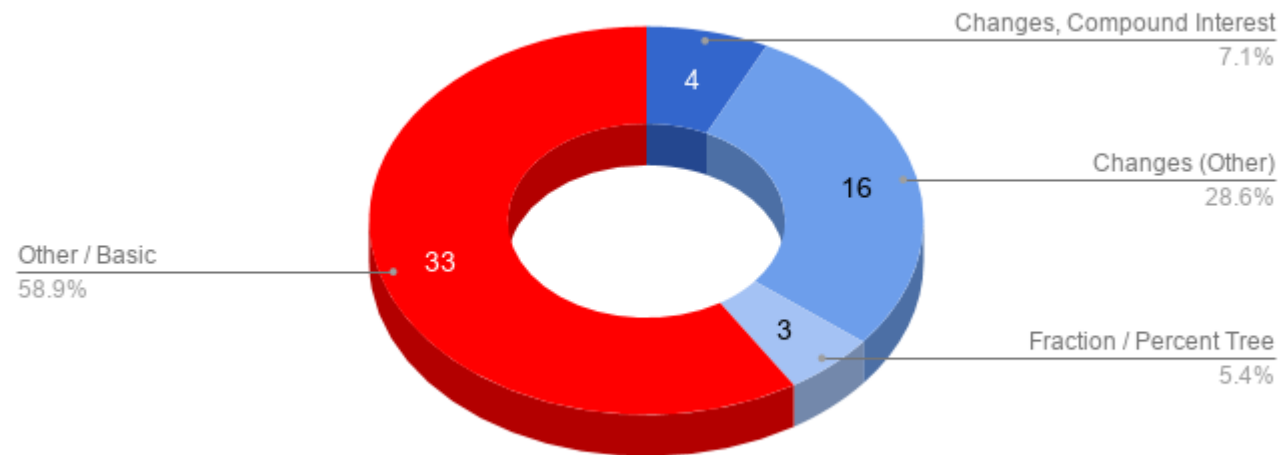


3.6 Overlaps (12 Questions)



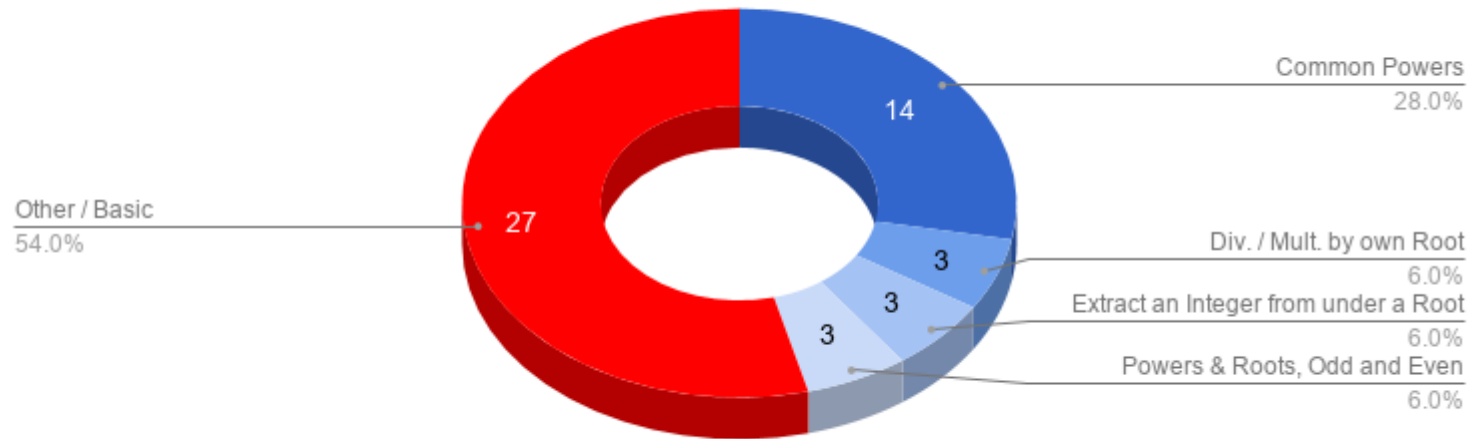
3.7 Percents (56 Questions)

* Some of the questions appear in multiple categories.



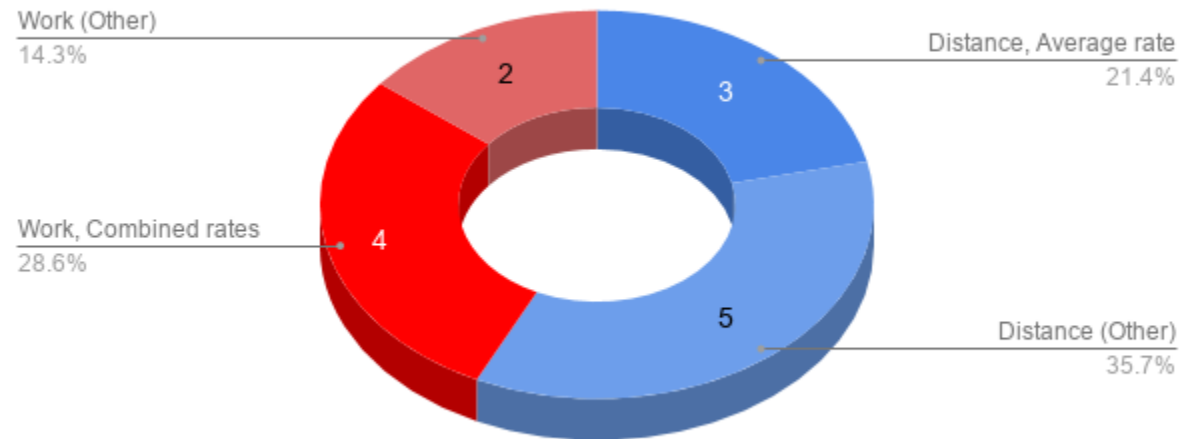
3.8 Powers & Roots (47 Questions)

* Some of the questions appear in multiple categories.

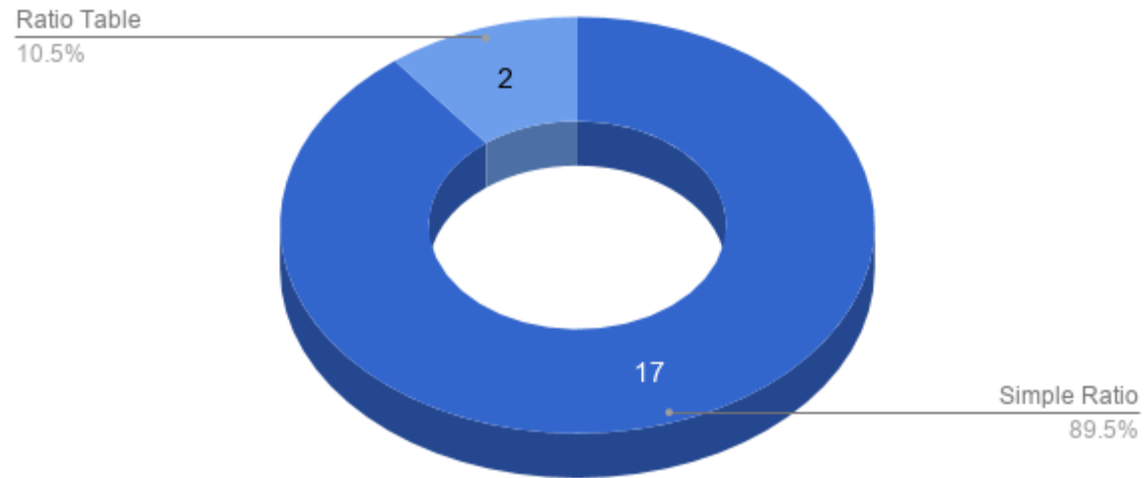


3.9 Rate (15 Questions)

* Some of the questions appear in multiple categories.

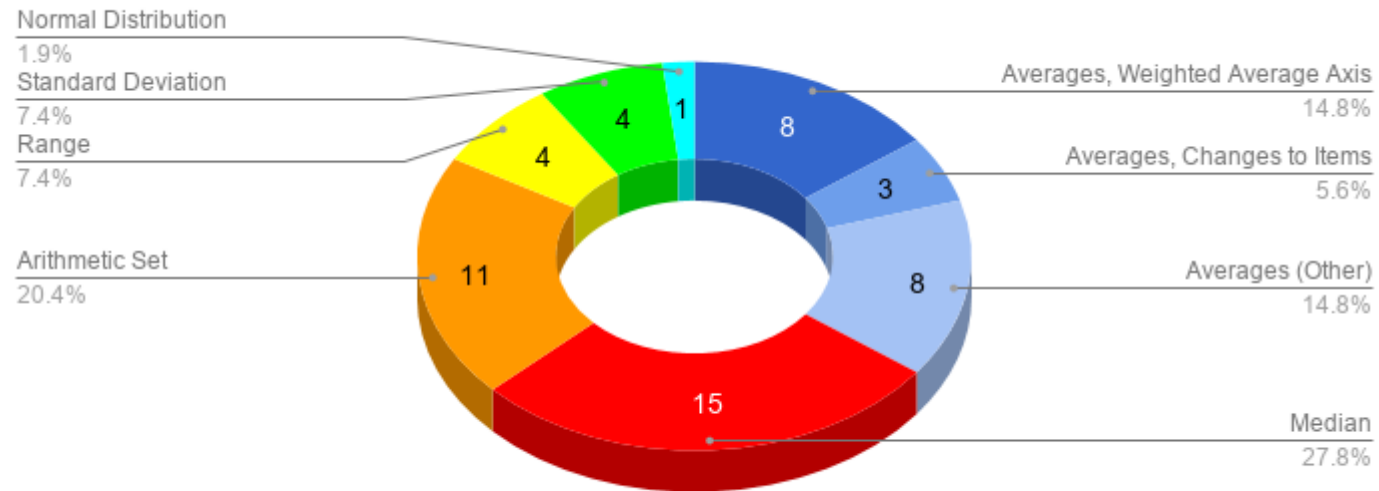


3.10 Ratios (19 Questions)



3.11 Statistics (46 Questions)

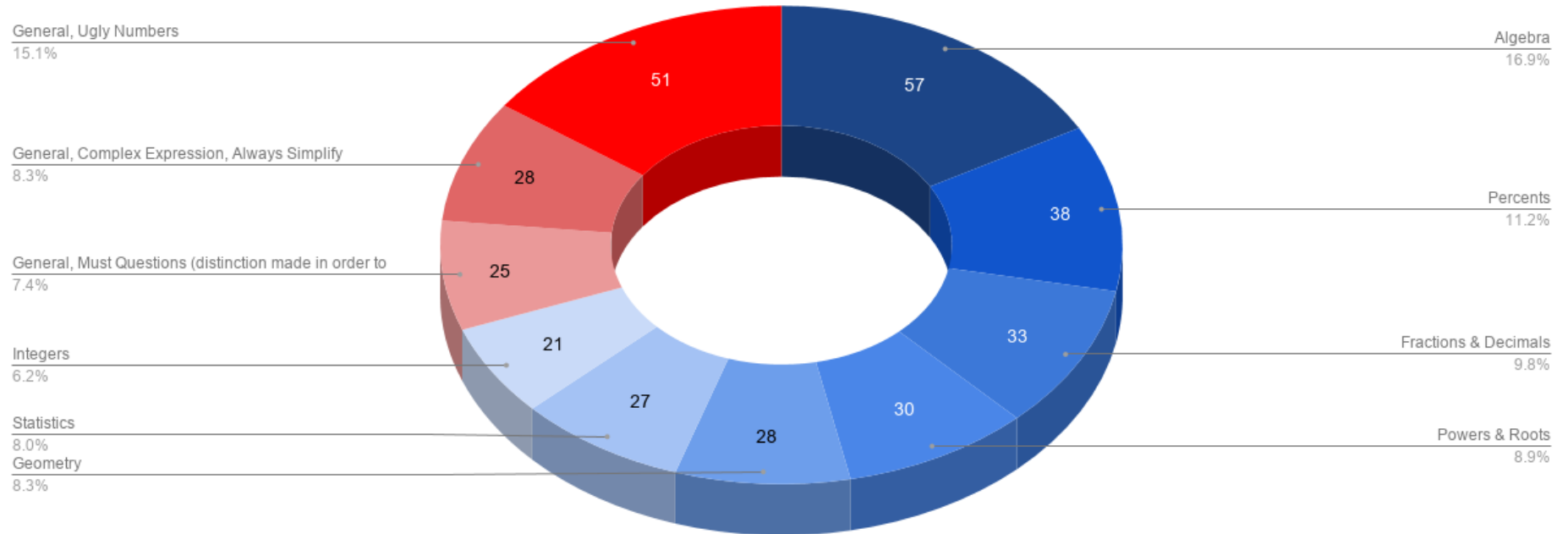
* Some of the questions appear in multiple categories.



4.0 Problem Solving

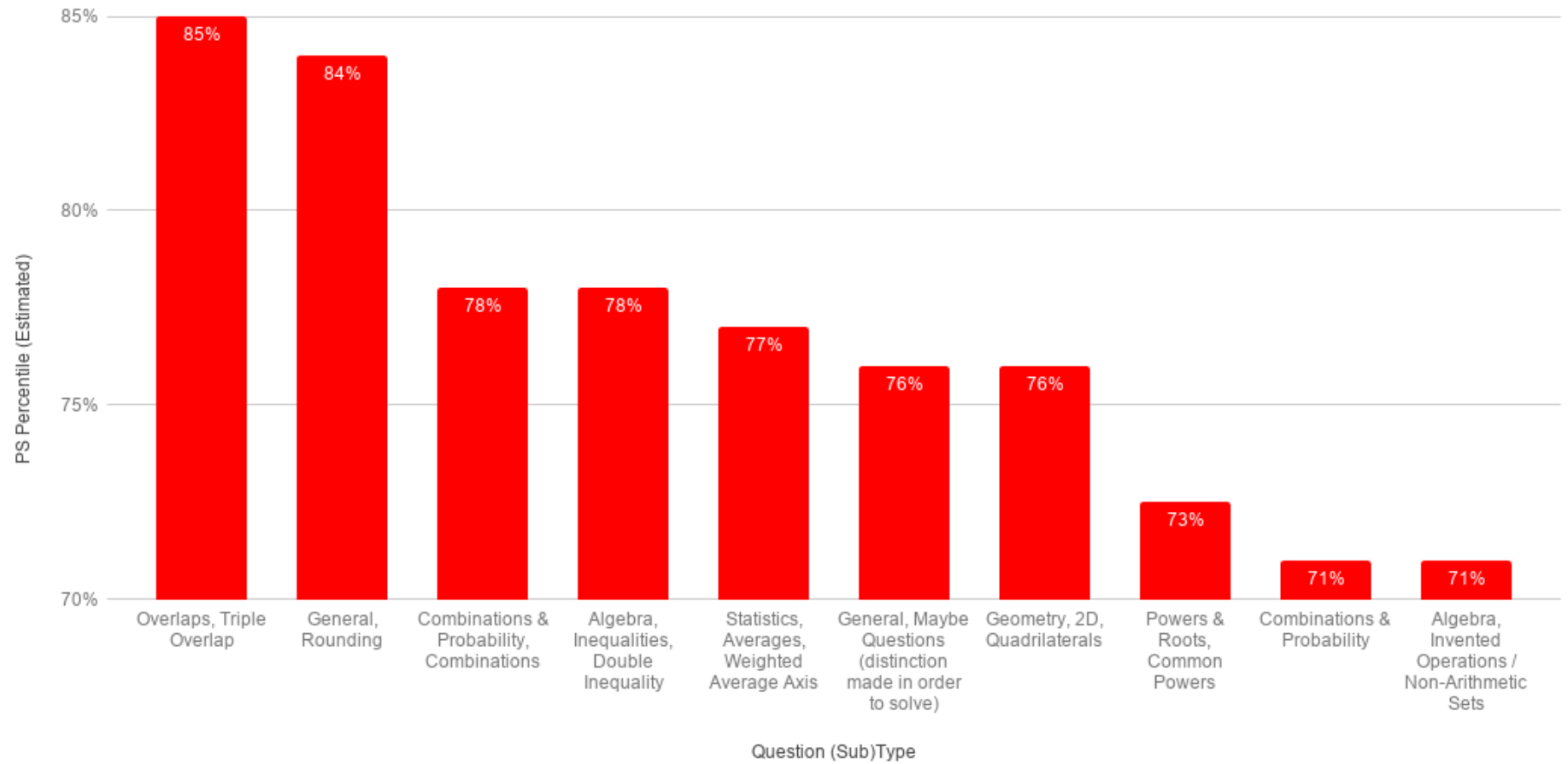
4.1 Top 10 Problem Solving Techniques / Question-Types

* Out of a total of 230 questions, some appear in multiple categories.



4.2 Problem Solving: 10 Hardest Question-(Sub)Types

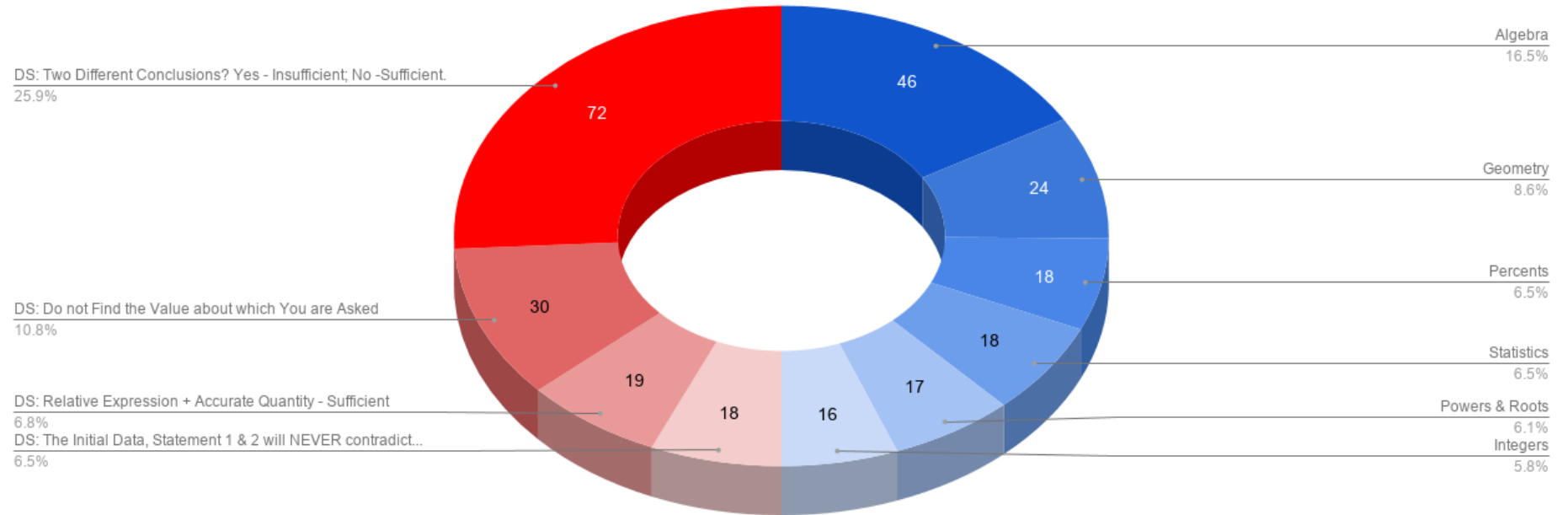
*Two-question minimum



5.0 Data Sufficiency

5.1 Top 10 Data Sufficiency Techniques / Question-Types

* Out of a total of 174 questions, some appear in multiple categories.



5.2 Data Sufficiency: 10 Hardest Question-(Sub)Types

*Two-question minimum

