

ISAT Mathematics Content Category Table

Note that the percentage for graphs is lower than actually on ISAT—there seems to be a miscommunication since the data analysis percentage is higher.

Grade	3	4	5	6	7	8
State Goal 6 – Number Sense	35%	35%	30%	25%	25%	20%
Standard 6A Representations and Ordering	15%	15%	10%	5%	5%	5%
Standards 6B, 6C Computation, Operations, Estimation, and Properties	20%	20%	15%	15%	15%	10%
Standard 6D Ratios, Proportions, Percents	0%	0%	5%	5%	5%	5%
State Goal 7 – Measurement	20%	20%	15%	15%	15%	15%
Standards 7A, 7B, 7C Units, Tools, Estimation, and Applications	20%	20%	15%	15%	15%	15%
State Goal 8 – Algebra	10%	10%	20%	25%	25%	30%
Standard 8A Representations, Patterns, and Expressions	5%	5%	8%	10%	10%	10%
Standard 8B Connections Using Tables, Graphs, and Symbols	0%	2%	5%	7%	7%	10%
Standards 8C, 8D Writing, Interpreting, and Solving Equations	5%	3%	7%	8%	8%	10%
State Goal 9 – Geometry	20%	20%	20%	20%	20%	20%
Standard 9A Properties of Single Figures and Coordinate Geometry	15%	15%	10%	10%	10%	10%
Standard 9B Relationships Between and Among Multiple Figures	5%	5%	10%	10%	10%	10%
Standard 9C Justifications of Conjectures and Conclusions	<i>This standard is not assessed in isolation. Rather, its essence is assessed indirectly through problems that require this type of thinking.</i>					
Standard 9D Trigonometry	<i>This standard is not assessed on state assessment until grade 11.</i>					
State Goal 10 – Data Analysis, Statistics, and Probability	15%	15%	15%	15%	15%	15%
Standards 10A, 10B Data Analysis and Statistics	10%	10%	10%	10%	8%	8%
Standard 10C Probability	5%	5%	5%	5%	7%	7%
Total	100%	100%	100%	100%	100%	100%