PERCENTAGE OF PSSA MATH ANCHORS BY GRADE

Anchor Identifier	Anchor Descriptor	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 11
M.A.1	Demonstrate an understanding of numbers, number representations, and relationships among numbers.	25%	23%	24%	20%	5%	5%	5%
M.A.2	Understand meanings and uses of operations.	6%	9%	12%	4%	10%	9%	6%
M.A.3	Compute accurately and make reasonable estimates.	11%	13%	7%	7%	7%	7%	3%
M.B.1	Show measurable attributes of objects and figures.	10%	7%	9%	3%	5%	5%	-
M.B.2	Use appropriate measurement techniques and tools.	4%	8%	5%	11%	10%	10%	14%
M.C.1	Show and describe two- and three-dimensional geometric shapes.	7%	8%	10%	15%	14%	10%	13%
M.C.2	Show an understanding of symmetry.	7%	2%	4%	-	-	-	-
M.C.3	Describe relationships using the coordinate plane.	-	3%	1%	4%	5%	6%	4%
M.D.1	Show an understanding of patterns, relations and functions.	6%	11%	9%	8%	6%	10%	6%
M.D.2	Explain mathematical situations using algebraic symbols, words, tables or graphs.	8%	4%	5%	10%	11%	14%	20%
M.D.3	Analyze change in various contexts.	-	-	1%	1%	8%	-	11%
M.D.4	Describe or use models to represent quantitative relationships.	-	-	-	-	-	5%	3%
M.E.1	Answer questions with data or organize and interpret data.	13%	10%	4%	9%	4%	7%	5%
M.E.2	Use appropriate statistical methods to analyze data.	-	1%	6%	3%	3%	1%	2%
M.E.3	Apply basic concepts of probability.	1%	2%	4%	6%	9%	6%	4%
M.E.4	Draw conclusions based on data or data displays.	-	-	-	-	3%	4%	6%

A (-) indicates that an Assessment Anchor that is NOT or NO LONGER ASSESSED at a given grade level. The percentages in this chart are based on the last 4 or 5 years of the PSSA and may not add to 100% because of rounding.