Acadience® Math: Summary of Benchmark Goals and Cut Points for Risk

Math Composite Score

Each cell shows: Above Benchmark (blue) / Benchmark Goal (bold) / Cut Point for Risk (red)

Measure	K Beg	K Mid	K End	1 Beg	1 Mid	1 End	2 Beg	2 Mid	2 End	3 Beg	3 Mid	3 End	4 Beg	4 Mid	4 End	5 Beg	5 Mid	5 End	6 Beg	6 Mid	6 End
Math Composite Score	33 / **24** / 13	89 / **72** / 49	110 / **92** / 67	148 / **124** / 81	53 / **46** / 33	68 / **59** / 44	32 / **24** / 16	57 / **46** / 30	86 / **66** / 48	56 / **49** / 33	99 / **83** / 57	126 / **101** / 74	84 / **70** / 47	101 / **83** / 55	150 / **117** / 81	65 / **53** / 35	118 / **93** / 63	149 / **116** / 79	85 / **73** / 46	125 / **104** / 72	159 / **132** / 94
Beginning Quantity Discrimination (BQD)	6 / **5** / 2	10 / **7** / 4	16 / **13** / 9																		
Number Identification Fluency (NIF)	9 / **6** / 4	21 / **14** / 8	34 / **25** / 14	33 / **27** / 16																	
Next Number Fluency (NNF)	7 / **5** / 2	13 / **11** / 7	16 / **14** / 10	14 / **12** / 9																	
Advanced Quantity Discrimination (AQD)				13 / **10** / 6	22 / **19** / 14	25 / **22** / 17															
Missing Number Fluency (MNF)				6 / **4** / 2	9 / **8** / 6	12 / **10** / 8															
Computation (Comp)				6 / **5** / 3	14 / **11** / 7	20 / **17** / 11	8 / **6** / 3	14 / **11** / 8	19 / **15** / 10	15 / **13** / 9	25 / **22** / 16	35 / **29** / 21	21 / **17** / 12	39 / **31** / 21	58 / **46** / 33	32 / **27** / 18	66 / **52** / 31	70 / **56** / 38	46 / **39** / 28	66 / **54** / 37	77 / **66** / 47
Concepts and Applications (C&A)							18 / **14** / 8	31 / **24** / 15	47 / **35** / 23	28 / **23** / 13	50 / **40** / 24	59 / **47** / 32	44 / **34** / 21	63 / **49** / 30	93 / **71** / 46	33 / **25** / 15	53 / **42** / 26	81 / **62** / 40	38 / **30** / 18	60 / **46** / 30	82 / **67** / 49

Grade periods: Beg = Beginning, Mid = Middle, End = End — for Kindergarten, First Grade, Second Grade, Third Grade, Fourth Grade, Fifth Grade, Sixth Grade.

Math Composite Score: A combination of multiple Acadience Math scores, which provides the best overall estimate of the student's math proficiency. For information on how to calculate the composite score, see the *Acadience Math Benchmark Goals Document*.

ABOVE BENCHMARK (small blue number in each box): Students scoring above the benchmark are highly likely to achieve important math outcomes (approximately 90% to 99% overall). These scores are identified as *Above Benchmark*. While students scoring Above Benchmark are likely to need *Core Support*, some may benefit from instruction on more advanced skills.

BENCHMARK GOAL (large bold number in the middle of the box): Students scoring at or above the benchmark goal have the odds in their favor (approximately 80% to 90% overall) of achieving later important math outcomes. These scores are identified as *At or Above Benchmark* and the students are likely to need *Core Support*.

CUT POINT FOR RISK (small red number in each box): Students scoring below the cut point for risk are unlikely (approximately 10%–20% overall) to achieve subsequent goals without receiving additional, targeted instructional support. These scores are identified as *Well Below Benchmark* and the students are likely to need *Intensive Support*.

Scores below the benchmark goal and at or above the cut point for risk are identified as *Below Benchmark*. In this range, a student's future performance is harder to predict, and these students are likely to need *Strategic Support*.