

MI-Access Supported Independence Mathematics Assessment Grade 8 Performance Level Descriptors

Grade 8	EMERGING	ATTAINED	SURPASSED
	Based on the Essential Elements using the Medium level of the Michigan Range of Complexity, across all content claims, students who are emerging toward the performance standard , with or without assistance, are typically able to demonstrate a limited* ability to...	Based on the Essential Elements using the Medium level of the Michigan Range of Complexity, across all content claims, students who attained the performance standard are typically able to independently* ...	Based on the Essential Elements using the Medium level of the Michigan Range of Complexity, across all content claims, students who surpassed the performance standard are typically able to consistently** and independently* ...
Claim 1	Add and subtract fractions with common denominators with sums or differences less than or equal to one and limited to halves, thirds, or fourths (fractions shown as models); Identify a combination of coins and/or bills up to \$3 using decimal notation; Compose or decompose two-digit whole numbers to 30 with base-10 blocks.	Add or subtract fractions with common denominators with sums and/or differences less than or equal to one and limited to halves, thirds, or fourths (fractions shown as models); Identify a combination of coins and bills up to \$5 using decimal notation; Compose or decompose two-digit whole numbers with base-10 blocks.	Add and subtract fractions with common denominators with sums or differences less than or equal to one, including but not limited to halves, thirds, fourths, or higher (fractions shown with or without models); Identify a combination of coins and bills to \$5 or more using decimal notation; Compose and decompose two-digit whole numbers with base-10 blocks or other notations.
Claim 2	Identify similar shapes or letters without rotation; Match a right angle; Identify the area of a rectangle using a model containing unit squares, limited to 25 unit squares; Identify perimeter using a model and dimensions of a rectangle limited to side lengths from 1 to 3.	Identify similar shapes or letters with or without rotation (limited to quarter- and half-turns); Recognize a right angle; Identify the area or perimeter using models and dimensions of rectangles limited to single-digit numbers (e.g., $2 + 3 + 2 + 3$) with a shape that also contains unit squares (for area only).	Identify similar shapes and letters with and without rotation; Recognize or name a right angle; Identify the area and perimeter using models and dimensions of rectangles limited to numbers to 10 with a shape that contains unit squares.
Claim 3	Identify a table that matches given information limited to 2 data entries.	Identify a graph or table that matches given information, limited to 3 data entries.	Identify graphs and tables that match given information, 3 or more data entries.
Claim 4	Select an appropriate number in order to solve an addition or subtraction problem and solve as appropriate; Recognize a growing pattern in a data table that contains at least 3 data points; Given 2 data points on a graph, identify the data point that shows more than the other.	Select appropriate numbers in order to solve an addition or subtraction problem and solve as appropriate; Recognize a growing or shrinking pattern in a data table that contains at least 3 data points; Identify a relationship between two quantities shown in a graph as more than or less than.	Select appropriate numbers in order to solve addition and subtraction problems and solve as appropriate; Recognize growing and shrinking patterns in data tables that contain at least 3 or more data points; Identify relationships between 2 or more quantities shown in a graph as more than and less than.

*May include students using standard accommodations as determined by their Individualized Education Program

**Consistently refers to students who would be able to demonstrate understanding about 80% of the time or better