

Unit 10 Key Assessment Opportunities Chart

Taken from *Math Trailblazers*
digital Teacher Guide

Content

Key Ideas in Unit 10		L1	L2	L2	L3	L3	L4	L5	L6
Unit 10 Expectations		L1	L2	L2	L3	L3	L4	L5	L6
Number 1	Number Sense: Understand the base-ten number system, recognize relationships among quantities and numbers, and represent numbers in multiple ways.								
E1*	Recognize that different partitions of a number have the same total (e.g., $50 + 4 = 40 + 14$). (Algebra 3) [2.NBT.2, MP2, 7]	X				X	X		X
Number 2	Operations: Understand the meaning of numerical operations and their application for solving problems.								
E2	Solve problems (e.g., part-whole, join) involving volume. [2.OA.1, 2.OA.4, MP1, 2, 4, 5, 7]			X		X	X	X	X
E3*	Apply the properties of addition (e.g., commutative, associative) to write number sentences that represent the volume of a building. (Algebra 4) [2.NBT.5, 2.NBT.7, MP8]	X	X	X		X			X
Geometry 1	Shapes: Identify, describe, classify, and analyze 2- and 3-dimensional shapes based on their properties.								
E4	Make connections between a building of cubes, the building plan, and number sentences. (Geometry 4) [2.NBT.5, 2.G.1, 2.G.2, MP2,4,7]	X	X	X	X		X	X	
E5	Identify shapes that are the same size and shape. [3.MD.2, MP2, 5, 6]	X							
Measurement 1	Measurement Concepts: Understand measurable attributes of objects or situations (length, area, mass, volume, size, time) and the units, systems, and processes of measurement.								
E6	Recognize that different shapes can have the same volume. [5.MD.3, MP2]	X	X			X	X	X	
E7	Identify and measure the dimensions (floor plan, height) of a building. [2.NBT.9, 2.NBT.5]				X				
Measurement 2	Measurement Skills: Use measurement tools, appropriate techniques, and formulas to determine measurements.								
E8	Count and add cubic units to find volume. [2.NBT.2, 2.OA.4, 5.MD.3, MP1, 2, 4, 7]	X	X	X	X	X	X	X	X
E9	Construct a building plan given the volume (number of cubes), floor plan, and height. (Number 2) [2.OA.1, 2.OA.4, MP1, 2, 4, 5, 6, 7]				X		X	X	

* Denotes Benchmark Expectation

Copyright © Kendall Hunt Publishing Company

Math Facts

Number	Computation and Estimation: Use efficient and flexible procedures to compute accurately and make reasonable estimates.	L1	L2	L2	L5
E10*	Demonstrate fluency with the subtraction facts related to the addition facts in Group B (3 - 0, 4 - 0, 5 - 1, 5 - 4, 6 - 1, 6 - 5, 7 - 1, 7 - 2, 7 - 5, 7 - 6, 8 - 1, 8 - 2, 8 - 3, 8 - 5, 8 - 6, 8 - 7, 9 - 1, 9 - 8). [2.OA.1, 2]	X	X		X
E11*	Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Group B. (Algebra 4) [2.OA.1, 2, MP2]		X	X	

TG DPP Item A L1 Triangle Flash Cards: Group B Subtraction Facts
TG DPP Item C L2 Subtraction Practice
TG DPP Item E L2 Fact Families
TG DPP Item M L5 Subtraction Facts Quiz

Math Practices

	L1	L2	L3	L3	L4
MPE1 Know the problem. I read the problem carefully. I know the questions to answer and what information is important. [MP1]					X
MPE2 Find a strategy. I choose good tools and an efficient strategy for solving the problem.					
MPE3 Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again.					
MPE4 Check my calculations. If I make mistakes, I correct them.					
MPE5 Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [MP3, 7]	X	X	X	X	X
MPE6 Use labels. I use labels to show what numbers mean. [MP6]		X	X		X

L1 SAB Make Shapes with Cubes**
L2 SAB Find Volume Check-In: Q# 2-3**
L3 SAB Architects in Cubeland**
L3 SAB What Is the Volume**
L4 SAB Building Detective**

* Denotes Benchmark Expectation
 ** Includes Feedback Box