

# Unit 3 Key Assessment Opportunities Chart

Taken from *Math Trailblazers*  
digital Teacher Guide

## Content

Key Ideas in Unit 3		L1	L2	L2	L3	L3	L4	L4	L5	L5	L6
Unit 3 Expectations		SG T-Shirt Factory Problems Check-In: Q# 8**	SG In Twos Threes and More Check-In: Q# 8-9**	SAB Using Multiplication to Count Things in Groups	SAB Number Sentences	TG DPP Item K Pumpkins in Wagons	TG DPP Item M Making Groups	TG Groupings and Number Sentences Assessment Master	SG Multiples on the Calendar Check-In: Q# 5-10	TG DPP Item P Camping Trip	SG Workshop: Multiplication and Division Stories Self-Check: Q# 1-4
<b>Number 2</b>	<b>Operations: Understand the meaning of numerical operations and their application for solving problems.</b>										
<b>E1</b>	Complete open number sentences involving multiplication (e.g., $\square \times 4 = 4 + 4 + 4$ and $\square \times 4 = 4 \times 3$ ; $\square \times 4 + 1 = 13$ ). (Algebra 3) [3.OA.4, 3.OA.5, MP2]			X	X			X	X		
<b>E2*</b>	Represent multiplication and division problems in stories, drawings, and number sentences. [3.OA.1, MP1, MP5]			X	X	X	X	X	X		X
<b>Number 3</b>	<b>Computation and Estimation: Use efficient and flexible procedures to compute accurately and make reasonable estimates.</b>										
<b>E3*</b>	Multiply and divide using mental math strategies (e.g., reasoning, repeated addition). [3.OA.3, MP2]	X	X	X				X			X
<b>E4</b>	Solve two-step word problems involving multiplication and division. [3.OA.8]	X								X	X
<b>E5*</b>	Represent solution strategies for problems involving the multiplication facts using number sentences and drawings. (Algebra 4) [3.OA.3, 3.OA.7, MP1, MP5]		X	X							X

\* Denotes Benchmark Expectation

\*\* Includes Feedback Box

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## Math Facts

Number	Computation and Estimation: Use efficient and flexible procedures to compute accurately and make reasonable estimates.	L2	L3	L3	L4	L5	L6
3		TG DPP Item E Subtraction Flash Cards: Group 3	TG DPP Item I Subtraction Flash Cards: Group 4	TG DPP Item K Pumpkins in Wagons	TG DPP Item M Making Groups	TG DPP Item O Fact Families	TG DPP Item R Calendar Multiplication
<b>E6*</b>	Use mental math strategies including making tens to solve the subtraction facts in Groups 3 and 4. [3.NBT.2]	X	X				
<b>E7*</b>	Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Groups 3 and 4. (Algebra 4) [3.NBT.2]					X	
<b>E8</b>	Represent solution strategies for problems involving multiplication facts for the 5s and 10s using number sentences and drawings. (Algebra 4) [3.OA.3, 3.OA.7]			X	X		X

## Math Practices

		L1	L2
<b>MPE1</b>	<b>Know the problem.</b> I read the problem carefully. I know the questions to answer and what information is important. [MP1, MP2, MP6]	X	X
<b>MPE2</b>	<b>Find a strategy.</b> I choose good tools and an efficient strategy for solving the problem. [MP1; MP4; MP5]		
<b>MPE3</b>	<b>Check for reasonableness.</b> I look back at my solution to see if my answer makes sense. If it does not, I try again. [MP1, MP6]		
<b>MPE4</b>	<b>Check my calculations.</b> If I make mistakes, I correct them. [MP6]	X	
<b>MPE5</b>	<b>Show my work.</b> I show or tell how I arrived at my answer so someone else can understand my thinking. [MP3]	X	
<b>MPE6</b>	<b>Use labels.</b> I use labels to show what numbers mean. [MP6]		

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