

# Unit 12 Key Assessment Opportunities Chart

Taken from *Math Trailblazers*  
digital Teacher Guide

Content		Key Ideas in Unit 12								
		Unit 12 Expectations								
		L1	L2	L2	L3	L4	L5	L5	L6	L6
		SG Inventing Ways to Divide Check-In: Q# 4	SG Using Mental Math to Divide Check-In: Q# 4-7	SG Using Mental Math to Divide Homework Q# 7	SG Modeling Division Check-In: Q# 19-24	SG Estimating Quotients Check-In: Q# 12-13	SAB Moving Ahead with Division Self-Check: Q# 1-2, 15-16, 22-23	SAB Quotient Quest	SG Paper-and-Pencil Division Check-In: Q# 6-9	TG Paper-and-Pencil Division Quiz Assessment Master**
<b>Number 2</b>	<b>Operations:</b> Understand the meaning of numerical operations and their application for solving problems.									
E1*	Demonstrate understanding of division of multidigit numbers by 1-digit numbers using models. [4.NBT.6] [MP 1, 2, 4, 5]	X			X		X			
E2	Show connections between models and strategies for multidigit division. [4.NBT.6] [MP1, 2, 4, 5]								X	X
E3*	Show connections between multiplication and division (e.g., fact families, using multiplication to divide.) [Algebra 4] [4.NTB.6] [MP1, 2]			X	X		X			X
E4	Interpret remainders from division of multidigit numbers. [4.OA.3] [MP 1, 2, 3, 4, 6]	X			X				X	X
<b>Number 3</b>	<b>Computation and Estimation:</b> Use efficient and flexible procedures to compute accurately and make reasonable estimates.									
E5*	Estimate quotients for division of multi-digit numbers by 1-digit numbers. [4.NBT.3] [MP1, 2, 6]					X		X		
E6*	Divide numbers that are multiples of ten. [4.NBT.1] [MP1, 2]		X				X			
E7	Divide multidigit numbers by 1-digit divisors using paper and pencil. [4.NBT.6] [MP1, 2, 6]								X	X

\* Denotes Benchmark Expectation  
\*\* Includes Feedback Box

### Math Facts

		L1 TG DPP Item A Division Facts	L6 TG DPP Item O Division Facts Inventory Test
<b>Number 3</b>	<b>Computation and Estimation:</b> Use efficient and flexible procedures to compute accurately and make reasonable estimates.		
<b>E8*</b>	Demonstrate fluency with the division facts in all groups. [3.OA.7]	X	X

### Math Practices

		L1 SG Inventing Ways to Divide Check-In: Q# 4	L6 TG Paper-and-Pencil Division Quiz Q# 2 Assessment Master**
<b>MPE1</b>	<b>Know the problem.</b> I read the problem carefully. I know the questions to answer and what information is important.		
<b>MPE2</b>	<b>Find a strategy.</b> I choose good tools and an efficient strategy for solving the problem. [MP1, 5, 6]	X	
<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, 2, 6]	X	X
<b>MPE4</b>	<b>Check my calculations.</b> If I make mistakes, I correct them. [MP1, 2, 6]		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, 6]	X	X
<b>MPE6</b>	<b>Use labels.</b> I use labels to show what numbers mean.		

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