

Teacher Tabletop Flipchart Sampler

Grades K–5

AVAILABLE FOR EVERY LESSON





Into Math® supports students as they develop their conceptual understanding and grow into procedurally fluent mathematicians.

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What is the Flipchart?

Ready-Made Mini-Lessons for Differentiation



The Teacher Tabletop Flipchart

- Pulled teacher-led, small-group instruction
- Small-group lessons are available for every lesson within the program
- Perfect for both mixed- and like-ability grouping for differentiation
- Encourages math discourse and perseverance in problem solving



Using the Flipchart with Students

Teachers can easily lead pulled, small-group instruction with the TEACHER side, which includes:

- A complete Mini-Lesson connected to daily class lessons
- Guiding questions to help facilitate math discourse
 and problem solving
- English Language Proficiency level supports for multilingual learners

Students engage during this pulled, small-group learning opportunity with:

- Models and hints available to support problem solving
- PDF downloads for each student to write on, if desired
- Bilingual MathBoards and manipulatives to support problem solving





Lesson 1.2











Lesson 11.5





Lesson 16.1





Lesson 19.2





Lesson 4.4





Lesson 11.1























Lesson 18.1



1	Interpret Pictu	ire Graphs		
		Pictu	re Graph	
	🛑 red			
	🔵 yellow			
1.8.	.1 Interpret Picture Graphs			Mifflin Harcourt Publishing Company





Symbols to Compare Nur	nbers
Hundreds Tens Ones Image: Image of the second seco	Hundreds Tens Ones Image: Image of the second seco
463 457	>
457 463	<
2.6.5 Symbols to Compare Numbers	AND Head And And And And And And And And And An

Lesson 6.5











Lesson 7.3





Lesson 21.1











Lesson 9.5

Lesson 1.4

Lesson 11.4

Divide Decimals	SMALL
Original Division Problem	
New Division Problem	
5.17.6 Divide Decimals © Houghton Millin Harcourt Au	Math lishing Company

Lesson 17.6

Divide Decimals	
 Give the following sequence of instruction: Have students write 15.75 ÷ 3.5 in the first division equation frame. Ask: How can you estimate the quotient? Possible answer: 16 ÷ 4 = 4 	Original Division Problem
 Say: You can make the problem easier by getting rid of the decimal in the divisor. Have students write ^{15,25}/_{3,5} in the first fraction. Ask: What can you multiply 3.5 by to get a product with no decimal? Possible answer: 10 Have students write 10 in the denominator of the second fraction. 	New Division Problem
 Say: If you multiply 15.75 ask: What number can you write in the numerator to get a fraction equal to 1? 10 Have students write 10 in the numerator of the second fraction. Ask: What is the product of 15.75 multiplied by 10? 15.75 Have students write the product in the third fraction. Have students write 157.5 ÷ 35 in the second division equation frame. Ask: What is the quotient? 4.5 How do you know your answer is reasonable? Possible answer: The quotient is close to my estimate, 4. 	○ Proficiency Level Beginning Have students demonstrate using place-value strategies to divide decimal numbers. Have students write 15.75 + 3.5 for the original division problem. Have students rewrite the expression as a fraction. Ask: What fraction can you multiply by to get 1d of the decimal in 3.5, ¹¹ / ₁₀ or ¹¹ / ₁₀ ? Have students multiply ¹² / ₁₂ ? by ¹¹ / ₁₀ and write the product. Point to ¹² / ₁₀ . Prave a long division symbol. Have students complete the division. Point to the original division equation.
	Intermediate Have students describe using place-value strategies to divide decimal numbers. Have students work in a small group to demonstrate dividing 15.75 by 3.5 by renaming the problem 157.5 divided by 35. Have students verbally explain their work, including the terms decimal point, multiply, numerator, denominator, divide, dividend, divisor, and quotient.
	Advanced Have students describe using place-value strategies to divide decimal numbers. Have students verbally explain each step as they divide 15 75 by 3 5

Lesson 20.2

Number of Elephants	1	2	3	4	5	6
Number of Trunks	1	2				
Number of Legs	4	8				
	-					

Lesson 19.4

Numerical Patterns							SMALL ROUPS
Materials: Generate and Identify Numerical Patterns (Teacher Resource Masters)	Number of Elephants	1	2	3	4	5	6
Give the following sequence of instruction:	Number of Trunks	1	2				
Direct students to look at the situation represented by the table on the flipchart.	Number of Legs	4	8				
Ask: When you add an elephant, by how much does the number of trunks increase? 1		-					
Ask: When you add an elephant, by how much does the number of legs increase? 4							
 Discuss with students what the rule for the number of trunks is. Guide students to identify the rule "Add 1," starting at 1. Have students complete the table for the number of trunks. 							
 Discuss with students what the rule for the number of legs is. Guide students to identify the rule "Add 4," starting at 4. Have students complete the table for the number of legs. 	Proficiency Level Beginning						
 Have students compare the row for the number of trunks to the row for the number of legs. Ask students how the corresponding entries are related. Possible answer: The number of legs is 4 times the number of trunks. 	Explain that to identify a pattern, students should look for a rule to go from one number to the next. Say : Look at the chart. Point to patterns that start at 1. Have students point to examples of these rules: <i>Add 1. Add 4.</i> Then write the ordered pair (1, 4). Say : Point to the coordinate that represents the trunks. Repeat for legs.						rule to nt to hese Point
 Ask students to write the ordered pairs relating the number of trunks and legs using the number of trunks for the x-coordinates and the number of legs for y-coordinates. (1, 4), (2, 8), (3, 12), (4, 16), 	Intermediate Have students match these rules to the patterns in the chart: <i>Start</i> at 1. Start at 4. Add 1. Add 4. Ask: What operation can you use to show the relationship between trunks and legs?						
(5, 20), (6, 24)As time permits, have students identify patterns with another situation.	Advanced Have pairs write a rule for the number of trunks and the number of legs. Then have them express the relationship between the numbers of trunks and legs in a complete sentence.						

Notes

Notes

To learn more, visit hmhco.com/SampleMath

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