



Math Support for Parents

5th Grade Module 2 Resources

*Note: Teachers may choose to skip certain lessons throughout the year.

Module 2 ☐ Ohio Standards	Multi-Digit Whole Number and Decimal Fraction Operations ☐ Module 2 Student Homework Pages ☐ Module 2 Student Workbook Pages	Eureka Math K-5 Program ☐ Curriculum Map ☐ Curriculum Overview
Standards 5.NBT.1 5.NBT.2 5.OA.1	Topic A: Mental Strategies for Multi-Digit whole Number Multiplication ☐ Parent Tips for This Topic Lesson 1: Multiply multi-digit whole numbers and multiples of 10 using place value patterns and the distributive and associative properties. ☐ Duane Habecker Video Lesson 2: Estimate multi-digit products by rounding factors to a basic fact and using place value patterns.. ☐ Duane Habecker Video	Additional Module 2 Resources Digital Support ☐ MAP Accelerator - login through Clever Home Activities ☐ Create number cubes or spinners and have your child identify the place value and value of different digits in that number. ☐ Make up 1 or 2-digit multiplication problems. Ask your child to tell you more than one way to get the answer without using pencil or paper. ☐ Practice estimation at the grocery store. For example, say, "I want to buy 7 watermelons, and each one costs \$2.99. Estimate my total cost." ($7 \times \$2.99 \approx 7 \times \$3 = \$21$)
Standards 5.OA.1 5.OA.2 5.NBT.5	Topic B: The Standard Algorithm for Multi-Digit Whole number Multiplication ☐ Parent Tips for This Topic Lesson 3: Write and interpret numerical expressions, and compare expressions using a visual model. ☐ Duane Habecker Video Lesson 4: Convert numerical expressions into unit form as a mental strategy for multi-digit multiplication. ☐ Duane Habecker Video Lesson 5: Connect visual models and the distributive property to partial products of the standard algorithm without renaming. ☐ Duane Habecker Video Lesson 6-7: Connect area models and the distributive property to partial products of the standard algorithm with renaming. ☐ Duane Habecker Video (6) ☐ Duane Habecker Video (7)	

	Lesson 8: Fluently multiply multi-digit whole numbers using the standard algorithm and using estimation to check for reasonableness of the product. ❑ Duane Habecker Video	
	Lesson 9: Fluently multiply multi-digit whole numbers using the standard algorithm to solve multi-step word problems. ❑ Duane Habecker Video	
Standards 5.NBT.7 5.OA.1 5.OA.2 5.NBT.1	Topic C: Decimal Multi-Digit Multiplication ❑ Parent Tips for This Topic	
	Lesson 10: Multiply decimal fractions with tenths by multi-digit whole numbers using place value understanding to record partial products. ❑ Duane Habecker Video	
	Lesson 11: Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal. ❑ Duane Habecker Video	
	Lesson 12: Reason about the product of a whole number and a decimal with hundredths using place value understanding and estimation. ❑ Duane Habecker Video	
Standards 5.NBT.5 5.NBT.7 5.MD.1 5.NBT.1 5.NBT.2	Topic D: Measurement word Problems with whole Number and Decimal Multiplication ❑ Parent Tips for This Topic	
	Lesson 13: Use whole number multiplication to express equivalent measurements. ❑ Duane Habecker Video	
	Lesson 14: Use fraction and decimal multiplication to express equivalent measurements. ❑ Duane Habecker Video	
	Lesson 15: Solve two-step word problems involving measurement conversions. ❑ Duane Habecker Video	
Standards 5.NBT.1 5.NBT.2 5.NBT.6	Topic E: Mental Strategies for Multi-Digit Whole Number Division ❑ Parent Tips for This Topic	
	Lesson 16: Use <i>divide by 10 patterns</i> for multi-digit whole number division. ❑ Duane Habecker Video	
	Lesson 17-18: Use basic facts to approximate quotients with two-digit divisors. ❑ Duane Habecker Video (17) ❑ Duane Habecker Video (18)	

Standards 5.NBT.6	Topic F: Partial Quotients and multi-Digit whole Number Division ☐ Parent Tips for This Topic Lesson 19: Divide two- and three-digit dividends by multiples of 10 with single-digit quotients, and make connections to a written method. ☐ Duane Habecker Video Lesson 20-21: Divide two- and three-digit dividends by two-digit divisors with single-digit quotients, and make connections to a written method. ☐ Duane Habecker Video (20) ☐ Duane Habecker Video (21) Lesson 22-23: Divide three- and four-digit dividends by two-digit divisors resulting in two- and three-digit quotients, reasoning about the decomposition of successive remainders in each place value. ☐ Duane Habecker Video (22) ☐ Duane Habecker Video (23)	
Standards 5.NBT.2 5.NBT.7	Topic G: Partial Quotients and Multi-Digit Decimal Division ☐ Parent Tips for This Topic Lesson 24: Divide decimal dividends by multiples of 10, reasoning about the placement of the decimal point and making connections to a written method. ☐ Duane Habecker Video Lesson 25: Use basic facts to approximate decimal quotients with two-digit divisors, reasoning about the placement of the decimal point. ☐ Duane Habecker Video Lesson 26-27: Divide decimal dividends by two-digit divisors, estimating quotients, reasoning about the placement of the decimal point, and making connections to a written method. ☐ Duane Habecker Video (26) ☐ Duane Habecker Video (27)	
Standards 5.NBT.6 5.NBT.7	Topic H: Measurement Word Problems with Multi-Digit Division ☐ Parent Tips for This Topic Lesson 28-29: Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown. ☐ Duane Habecker Video (28) ☐ Duane Habecker Video (29)	