

Module 2:

Multi-digit whole number and decimal fraction operations

Date	Lesson	Homework
	1: Multiply multi-digit whole numbers and multiples of 10 using place value patterns and the distributive and associative properties.	2A 13 2A 14
	2: Estimate multi-digit products by rounding factors to a basic fact and using place value patterns.	2A 26 2A 27
	3: Write and interpret numerical expressions and compare expressions using a visual model.	2B 14, 15, 16
	4: Convert numerical expressions into unit form as a mental strategy for multi-digit multiplication.	2B 27, 28, 29
	5: Connect visual models and the distributive property to partial products of the standard algorithm without renaming.	2B 41 2B 42
	6: Connect area diagrams and the distributive property to partial products of the standard algorithm without renaming.	2B 53 2B 54
	7: Connect area diagrams and the distributive property to partial products of the standard algorithm with renaming.	2B 67 2B 68
	8: Fluently multiply multi-digit whole numbers using the standard algorithm and using estimation to check for reasonableness of the product.	2B 78 2B 79
	9: Fluently multiply multi-digit whole numbers using the standard algorithm to solve multi-step word problems.	2B 88 2B 89
	10: Multiply decimal fractions with tenths by multi-digit whole numbers using place value understanding to record partial products.	2C 11 2C 12
	11: Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.	2C 23 2C 24
	12: Reason about the product of a whole number and a decimal with hundredths using place value understanding and estimation.	2C 32 2C 33
	13: Use whole number multiplication to express equivalent measurements.	2D 12 2D 13
	14: Use decimal multiplication to express equivalent measurements.	2D 24
	15: Solve two-step word problems involving measurements and multi-digit multiplication.	2D 36 2D 37
	Review Lessons 1 – 15	Review Sheet

	Mid-Module 2 Assessment	
	16: Use divide by 10 patterns for multi-digit whole number division.	2E 14 2E 15
	17: Use basic facts to approximate quotients with two-digit divisors.	2E 25 2E 26
	18: Use basic facts to approximate quotients with two-digit divisors.	2E 36 2E 37
	19: Divide two- and three-digit dividends by multiples of 10 with single-digit quotients and make connections to a written method.	2F 11 2F 12
	20: Divide two- and three-digit dividends with single-digit quotients and make connections to a written method.	2F 23 2F 24
	21: Divide two- and three-digit dividends by two-digit divisors with single-digit quotients and make connections to a written method.	2F 35 2F 36
	22: 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.	2F 46 2F 47
	23: Same as Lesson 22	2F 58 2F 59
	24: Divide decimal dividends by multiples of 10, reasoning about the placement of the decimal point and making connections to a written method.	2G 12 2G 13
	25: Use basic facts to approximate decimal quotients with two-digit divisors, reasoning about the placement of the decimal point.	2G 23 2G 24
	26: Divide decimal dividends by two-digit divisors, estimating quotients, reasoning about the placement of the decimal point, and making connections to a written method.	2G 37 2G 38
	27: Same as Lesson 26	2G 48 2G 49
	28: Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown.	2H 13 2H 14
	29: Same as Lesson 28	2H 24 2H 25
	Review Lessons 1 – 29	Review Sheet
	End-of-Module 2 Assessment	