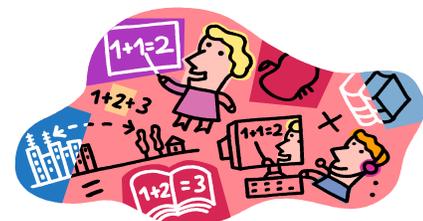


## MODULE 2 LESSONS 1 - 29



- 1 Multiply multi-digit whole numbers and multiples of 10 using place value patterns and the distributive and associative properties.
- 2 Estimate multi-digit products by rounding factors to a basic fact and using place value patterns.
- 3 Write and interpret numerical expressions and compare expressions using a visual model.
- 4 Convert numerical expressions into unit form as a mental strategy for multi-digit multiplication.
- 5 Connect visual models and the distributive property to partial products of the standard algorithm without renaming.
- 6 Connect area diagrams and the distributive property to partial products of the standard without renaming.
- 7 Connect area diagrams and the distributive property to partial products of the standard algorithm with renaming.
- 8 Fluently multiply multi-digit whole numbers using the standard algorithm and using estimation to check for reasonableness.
- 9 Fluently multiply multi-digit whole numbers using the standard algorithm to solve multi-step word problems.
- 10 Multiply decimal fractions with tenths by multi-digit whole numbers using place value understanding to record partial products.
- 11 Multiply decimal fractions by multi-digit whole numbers through conversion to a whole number problem and reasoning about the placement of the decimal.
- 12 Reason about the product of a whole number and a decimal with hundredths using place value understanding and estimation.
- 13 Use whole number multiplication to express equivalent measurements.
- 14 Use decimal multiplication to express equivalent.
- 15 Solve two-step word problems involving measurement and multi-digit multiplication
- 16 Use divide by 10 patterns for multi-digit whole number division.
- 17 Use basic facts to estimate quotients with two-digit divisors.
- 18 Use basic facts to estimate quotients with two-digit divisors.
- 19 Divide two- and three-digit dividends by multiples of 10 with single-digit quotients and make connections to a written method.
- 20 Divide two- and three-digit dividends by two-digit divisors with single-digit quotients and make connections to a written method.

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- 21 Divide two- and three-digit dividends by two-digit divisors with single-digit quotients and make connections to a written method
- 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.
- 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.
- 24 Divide decimal dividends by multiples of 10, reasoning about the placement of the decimal point and making connections to a written method.
- 25 Use basic facts to approximate decimal quotient with two-digit divisors, reasoning about the placement of the decimal point.
- 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.
- 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.
- 28 Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown.
- 29 Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown.