Unit 3, Whole Number Multiplication and Division

BIG IDEA: Using place value to multiply and divide multi-digit numbers.

Recall Prior Knowledge:

* Multiplication is like repeated addition.
* Division is like repeated subtraction.
* Multiply by skip counting or using facts.
* Multiplying with and without regrouping.
* Dividing with and without remainders and regrouping.

Lesson 3.1

* Use different methods to multiply whole numbers up to 4-digits by 1-digit and 2-digit numbers *with* and *without* regrouping.
* Decide whether an estimate or exact answer is needed.

Lesson 3.2

* Estimate products and quotients to check reasonableness of multiplying and dividing 4-digit numbers by 1 and 2-digit numbers.

Lesson 3.3

* Divide up to a 4-digit number by a 1-digit number with regrouping.
* Estimate quotients.

Lesson 3.4

* Divide up to a 4-digit number by a 1-digit number with and without remainders.
* Estimate quotients.

Lesson 3.5

* Use a variety of model drawing strategies to solve word problems involving all four operations.