Unit 2b-Use Models And Strategies To Divide Whole Numbers

Content Area: **Math**
Course(s): **Math 5**
Time Period: **Marking Period 2**
Length: **MP2 Topic 5 5-1 to 5-8**
Status: **Published**

Essential Questions

- What are some common procedures for division and why do they work?

Big Ideas

- **Number Sense:** Students will learn to divide by powers of ten and estimate quotients of whole numbers. These skills help them develop number sense about the magnitude of quotients. As students develop strategies for dividing with whole numbers, they use their number sense.
- **Divide Whole Numbers:** Students will learn different approaches to dividing whole numbers that are closely related. All of the strategies involve breaking apart the dividend and using the Distributive Property. Following is the basis of the division whether the computation is completed with partial quotients or sharing.

Enduring Understandings

Number and Operations in Base Ten

5.NBT.B.6 [M] Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

Mathematical Practices Focus

1. Make sense of problems and persevere in solving them.