Topic I

Measurement Word Problems with Multi-Digit Division

5.3A, 5.3C, 5.3F, 5.3G, 5.4B

Focus Standards:		5.3A	Estimate to determine solutions to mathematical and real-world problems involving addition, subtraction, multiplication, or division.
		5.3C	Solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies and the standard algorithm.
		5.3F	Represent quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using objects and pictorial models, including area models.
		5.3G	Solve for quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using strategies and algorithms, including the standard algorithm.
		5.4B	Represent and solve multi-step problems involving the four operations with whole numbers using equations with a letter standing for the unknown quantity.
Instructional Days:		2	
Coherence	**-Links from:**	G4–M3	Multi-Digit Multiplication and Division
	-Links to:	G6–M2	Arithmetic Operations Including Division of Fractions

In Topic I, students apply the work of the module to solve multi-step word problems using multi-digit division **(5.3A, 5.3C, 5.4B).** Cases include unknowns representing either the group size or number of groups. In this topic, an emphasis on checking the reasonableness of their solutions draws on skills learned throughout the module, which includes using knowledge of place value, rounding, and estimation. Students relate calculations to reasoning about division through a variety of strategies including place value, properties of operations, equations, and area models.

A Teaching Sequence Toward Mastery of Measurement Word Problems with Multi-Digit Division

Objective 1: Solve division word problems involving multi-digit division with group size unknown and the number of groups unknown. (Lessons 32–33)

© 2020 Great Minds PBC
TEKS Edition | *greatminds.org/texas*