MODULE 1--PLACE VALUE CONCEPTS FOR MULTIPLICATION AND DIVISION WITH WHOLE numbers

Your Module Assessment will be at the beginning of next week Below, you will find concepts that you will be expected to know for this assessment. Look over your exit tickets and problem sets. Look at the notes in your Apply Book Please see me if you have any questions.

Topic A-Place Value Understanding for VVhole Numbers

 Powers of 10 written in standard form, as multiplication expressions, and in exponential form

Standard	Multiplication	Exponential
Form	Expression	Form
10,000	OXOXIOXIO	104

Multiplying and dividing by powers of 10

$$52,300 \div 10^2 =$$
Digits will shift two
places to the right
$$10^2 = 10 \times 10 = 100$$

52,300 x 102 = ____ Digits will shift two places to the left 102: 10×10 = 100

• Metric conversions

Topic B-Multiplication of Whole Numbers

• Multiply whole numbers

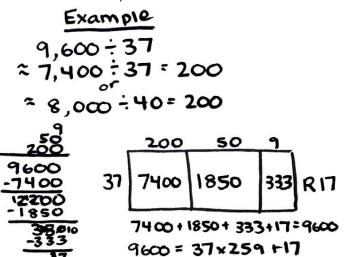
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Topic C--Division of Whole Numbers

 Divide 4-digit dividends by 2-digit divisors (will have to use an area model for one problem)

You Try

7179:85



• Write a word problem for a division expression, solve it, and explain what the quotient & remainder mean. Remember, Keep it simple! Think of splitting food or people into groups

Topic D-Multi-Step Problems with Whole Numbers (this week) Do your HW to get practice and pay attention!

- Insert parentheses to make an equation true
- Solve a multi-step problem
- Compare expressions without evaluating