



Lesson 2

Objective:

I can use place value understanding to relate base ten units from millions to thousandths.



FLUENCY PRACTICE

Say the number sentence, filling in the blank.

10 hundreds = **1,000**

10 tens = **100**

10 ones = **10**

10 tenths = **1**

Eureka Math – Module 1



LEARNING TARGET:

Moving one position to the **left** of the place value chart makes units **10 times larger**.
Conversely, moving one position to the **right** makes units **1 tenth the size**.

MULTIPLY:
DIGITS
MOVE LEFT

	3	6	7			
3	6	7	0			

DIVIDE:
DIGITS MOVE
RIGHT

	3	6	7			
		3	6	7		

$$367 \times 10 = 3,670. \rightarrow 367 \div 10 = 36.7.$$



$$9.675 \times 10 = 96.75$$

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	tenths	hundredths	thousandths
						9	6	7	5
					9	6	7	5	

The diagram illustrates the multiplication of 9.675 by 10. The top row shows the original number 9.675 placed on a place value chart. The bottom row shows the result 96.75. Red arrows indicate the shift of each digit one place to the left: 9 from ones to tens, 6 from tenths to ones, 7 from hundredths to tenths, and 5 from thousandths to hundredths. The decimal point also moves one place to the left, from the tenths column to the ones column.



$$728 \div 10 = 72.8$$

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	tenths	hundredths	thousandths
				7	2	8	•		
					7	2	•	8	



Problem Set

1 2 3 4 5

A STORY OF UNITS

Lesson 2 Problem Set

5•1

Name _____

Date _____

1. Solve.

a. $54,000 \times 10 =$ _____

e. $0.13 \times 100 =$ _____

b. $54,000 \div 10 =$ _____

f. $13 \div 1,000 =$ _____

c. $8.7 \times 10 =$ _____

g. $3.12 \times 1,000 =$ _____

d. $8.7 \div 10 =$ _____

h. $4,031.2 \div 100 =$ _____

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Your tasks:

1. Watch Lesson 1 Video – Complete Ed-Puzzle quiz questions
2. Complete Lesson 2 – Problem Set (Google Classroom)
3. Work on your IXL Diagnostic

You have a lot to do – Don't waste time!