Lesson 15

Objective:

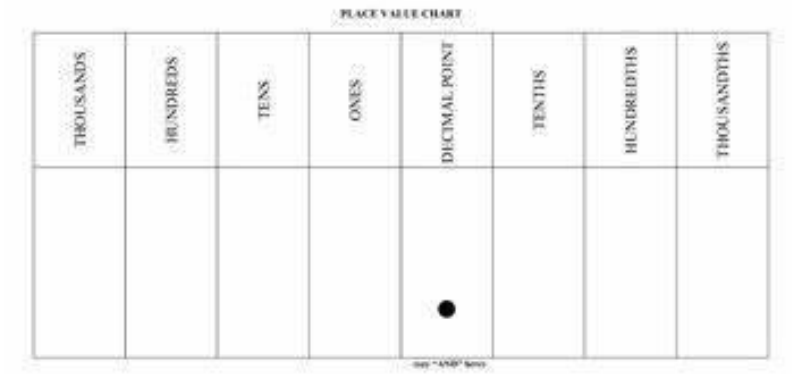
I can divide decimals using place value understanding.

Sprint (one column only)

Multiply by Exponents

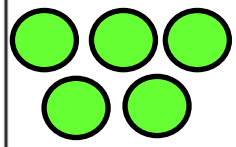
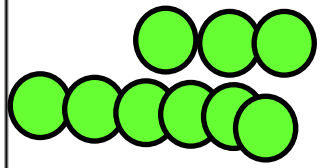
1.	$10 \times 10 =$	100
2.	$10^2 =$ 10 x 10	100
3.	$10^2 \times 10 =$ 10 x 10 x 10	1,000
4.	$10^3 =$ 10 x 10 x 10	1,000
5.	$10^3 \times 10 =$ 10 x 10 x 10 x 10	10,000

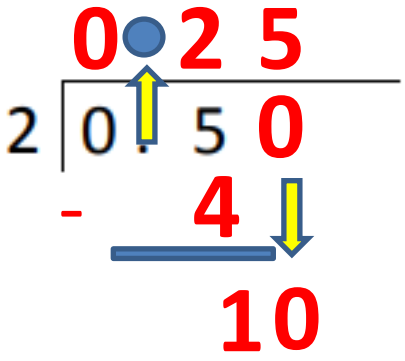
23.	$24 \times 10^2 =$ 24 x 100	2,400.
24.	$24.7 \times 10^2 =$ 24.7 x 100	2,470.
25.	$24.07 \times 10^2 =$ 24.07 x 100	2,407.
26.	$24.007 \times 10^2 =$	2,400.7
27.	$53 \times 1{,}000 =$	53,000.



Stop – Estimate the problem first!

a. $0.5 \div 2 =$ _____

Ones	•	Tenths	Hundredths	Thousandths
				



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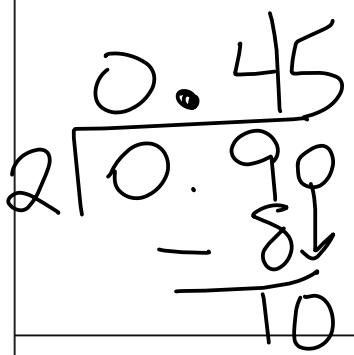
2. Solve using the standard algorithm.

a. $0.9 \div 2 =$ 	b. $9.1 \div 5 =$	c. $9 \div 6 =$
d. $0.98 \div 4 =$	e. $9.3 \div 6 =$	f. $91 \div 4 =$

Remember this Problem Set has 2 pages!!!

3. Six bakers shared 7.5 kilograms of flour equally. How much flour did they each receive?

4. Mrs. Henderson makes punch by mixing 10.9 liters of apple juice, 0.6 liters of orange juice, and 8 liters of ginger ale. She pours the mixture equally into 6 large punch bowls. How much punch is in each bowl? Express your answer in liters.

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Your tasks:

1. **Watch Lesson 15 Video – Complete Ed-Puzzle quiz questions**
2. **Complete Lesson 15 Sprint (Google Classroom)**
3. **Complete Lesson 15 Problem Set (Google Classroom)**

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