



Lesson 9

Objective:

I can add decimals using place value strategies and the standard algorithm.



First, let's look at this lesson's sprint.

REMEMBER the rules of rounding!

5 or more raise the score!

4 or less let it rest!

A

Round to the Nearest One

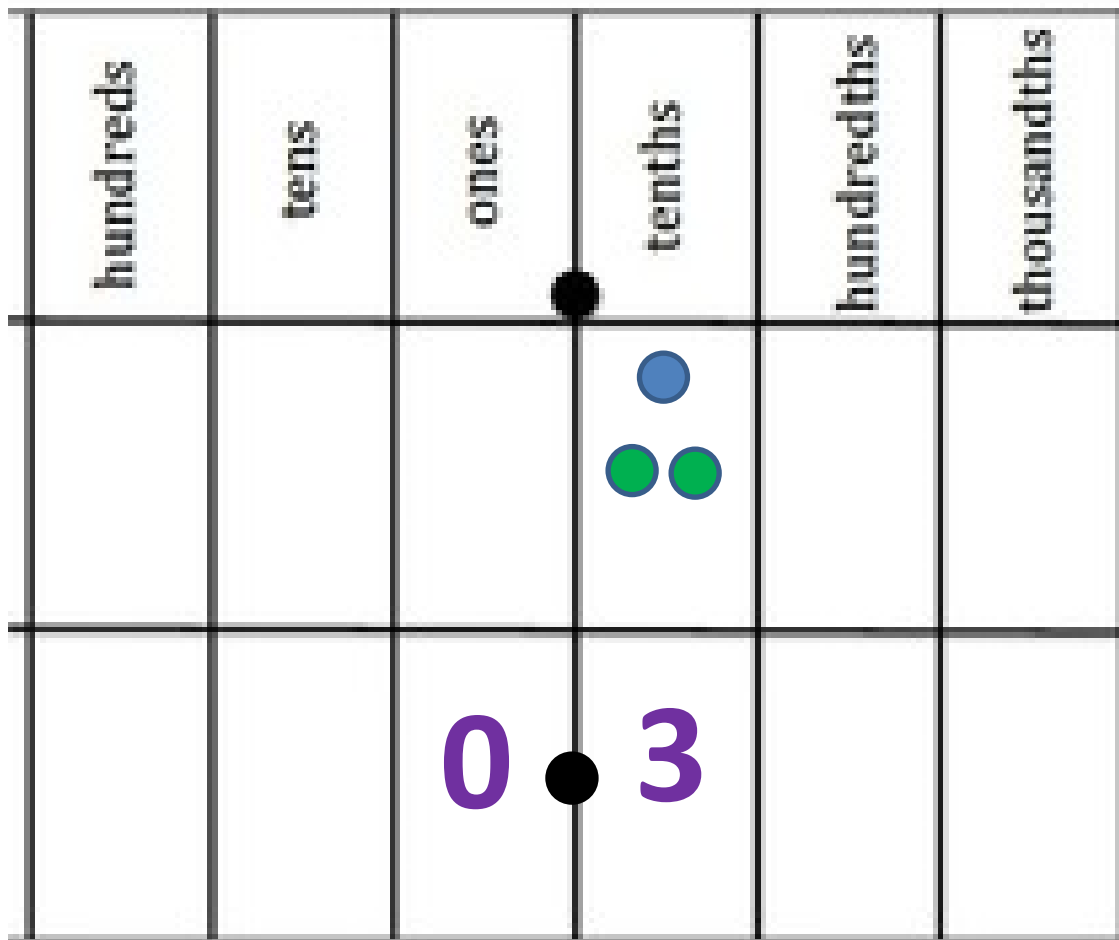
1.	$3.1 \approx$	3.
2.	$3.2 \approx$	3.
3.	$3.3 \approx$	3.
4.	$3.4 \approx$	3.
5.	$3.5 \approx$	4.
6.	$3.6 \approx$	4.
7.	$3.9 \approx$	4.

23.	$12.51 \approx$	13.
24.	$16.61 \approx$	17.
25.	$17.41 \approx$	17.
26.	$11.51 \approx$	12.
27.	$11.49 \approx$	11.
28.	$13.49 \approx$	13.
29.	$13.51 \approx$	14.





1 tenth + 2 tenths = 3 tenths = 0.3

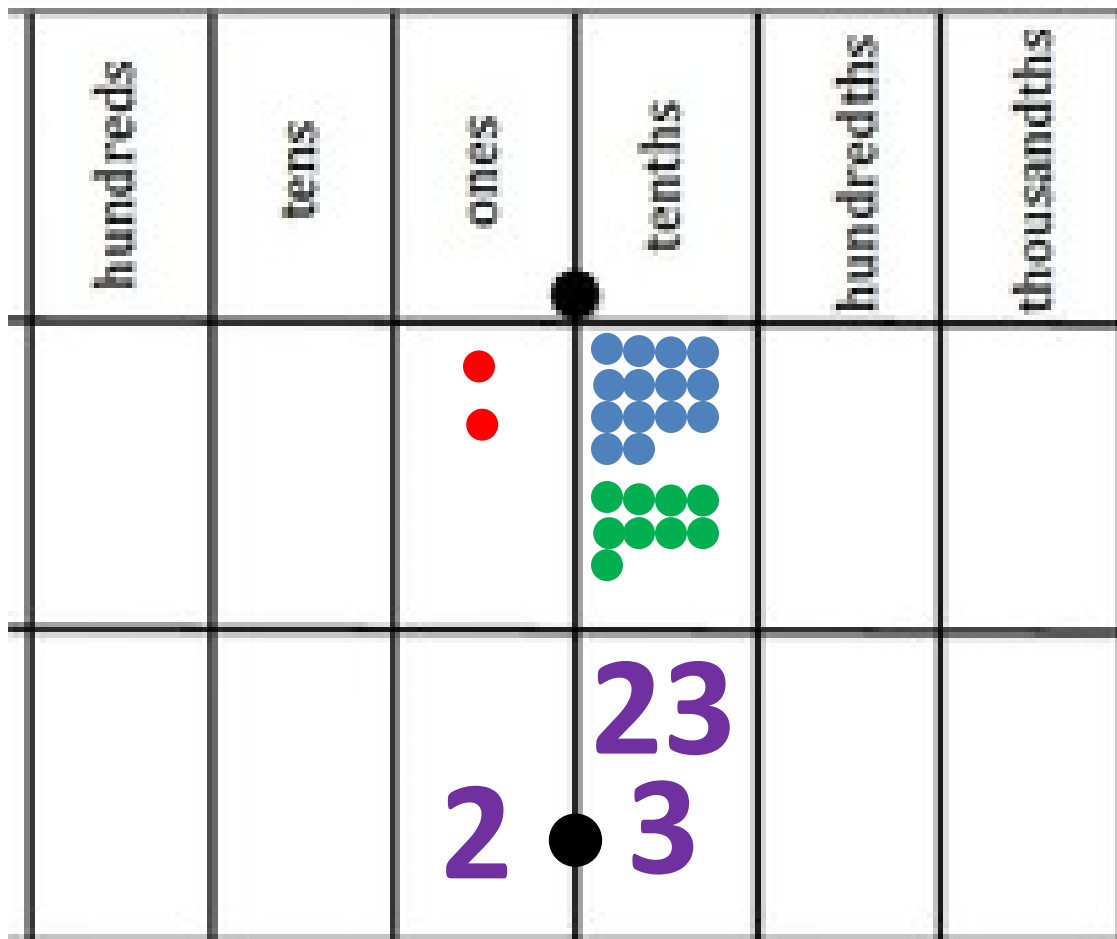


Standard Algorithm
(Traditional Method)

$$\begin{array}{r}
 0.1 \\
 + 0.2 \\
 \hline
 0.3
 \end{array}$$



14 tenths + 9 tenths = 23 tenths = 2 = one(s) 3 tenth(s) 2.3



“CASH IT IN”

Standard Algorithm
(Traditional Method)

$$\begin{array}{r}
 1.4 \\
 + 0.9 \\
 \hline
 2.3
 \end{array}$$



1 hundredth + 2 hundredths = 3 hundredths = 0.03

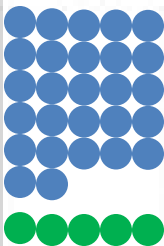
hundreds	tens	ones	tenths	hundredths	thousandths
				●	
				●	
				●	
		0	0	3	

Standard Algorithm
(Traditional Method)

$$\begin{array}{r}
 0.01 \\
 + 0.02 \\
 \hline
 0.03
 \end{array}$$



$$27 \text{ hundredths} + 5 \text{ hundredths} = \underline{32} \text{ hundredths} = \underline{3} \text{ tenths} \underline{2} \text{ hundredths} = \underline{0.32}$$

hundreds	tens	ones	tenths	hundredths	thousandths
			• • •		
		0	3	32	



“CASH IT IN”

Standard Algorithm
(Traditional Method)

$$\begin{array}{r} 0.27 \\ + 0.05 \\ \hline 0.32 \end{array}$$



Standard Algorithm (Traditional Method)

$$0.3 + 0.82$$

STEP 1 – LINE UP
THE DECIMALS

STEP 2 – FILL IN THE EMPTY
PLACES WITH ZEROS

STEP 3 – PLACE THE
DECIMAL IN THE ANSWER
BEFORE ADDING or
SUBTRACTING

$$\begin{array}{r} 1 \\ 0.30 \\ + 0.82 \\ \hline 1.12 \end{array}$$



Your tasks:

1. Watch Lesson 9 Video – Complete Ed-Puzzle quiz questions
2. Complete Lesson 9 Sprint & Lesson 9 Problem Set (Google Classroom)

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