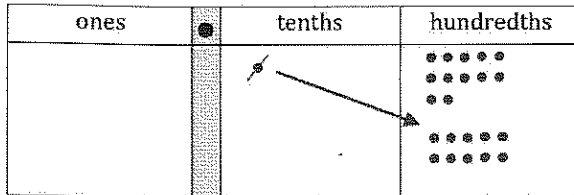## G4-M6-Lesson 12

1. Complete the number sentence by expressing each part using hundredths. Model using the place value chart.

ones		tenths	hundredths
	•		••••• ••••• •• . ••••• •••••

1 tenth + 12 hundredths = __22__ hundredths

10 *hundredths* + 12 *hundredths* = 22 *hundredths*

> To make like units, I change 1 tenth to 10 hundredths.
> 10 hundredths + 12 hundredths = 22 hundredths.

2. Solve by converting all addends to hundredths before solving.

   a. 6 tenths + 21 hundredths = __60__ hundredths + __21__ hundredths = __81__ hundredths

   > This is just like Problem 1. Instead of drawing place value disks, I change the tenths to hundredths in my mind. Each tenth equals 10 hundredths.

   b. 27 hundredths + 3 tenths = __27__ hundredths + __30__ hundredths = __57__ hundredths

   > I can't add because the units are not alike. I can't add 1 cat plus 2 dogs; I have to rename with like units. I can add 1 animal plus 2 animals.

3. Solve. Write your answer as a decimal.

   a. $\frac{3}{10} + \frac{21}{100}$

   $\frac{30}{100} + \frac{21}{100} = \frac{51}{100} = 0.51$

   b. $\frac{14}{100} + \frac{7}{10}$

   $\frac{14}{100} + \frac{70}{100} = \frac{84}{100} = 0.84$

   > To solve, I make like units of hundredths. I add, and then I change the answer from fraction form to decimal form.

Lesson 12: Apply understanding of fraction equivalence to add tenths and hundredths.

EUREKA MATH