

Adding Decimals with Hundredths

1. Let's compare adding and subtracting decimals with adding the corresponding fractions. Complete:

a. $0.05 + 0.04 =$

$$\frac{5}{100} + \frac{4}{100} =$$

b. $0.07 + 0.04 =$

$$\frac{\quad}{100} + \frac{\quad}{100} =$$

c. $0.37 - 0.06 =$

$$\frac{\quad}{100} - \frac{\quad}{100} =$$

d. $0.45 + 0.65 =$

$$\frac{\quad}{100} + \frac{\quad}{100} =$$

e. $3.25 - 1.08 =$

$$3 \frac{\quad}{100} - 1 \frac{\quad}{100} =$$

You can add the hundredths separately, and whole numbers separately. Just remember that 100 hundredths makes one whole.

For example: $0.63 + 0.40 = 103 \text{ hundredths} = 1.03$

2. Add and subtract mentally.

a.	b.	c.	d.
$0.03 + 0.09 =$	$0.52 + 0.53 =$	$4.03 - 2.02 =$	$0.10 - 0.08 =$
$2.03 + 2.09 =$	$1.55 + 1.25 =$	$4.03 - 2.04 =$	$20.06 - 1.03 =$

3. Continue the patterns.

a. 0.91	b. 0.80	c. 2.90	d. 1.77
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$
$+ 0.02 = \underline{\quad}$	$- 0.05 = \underline{\quad}$	$+ 0.03 = \underline{\quad}$	$+ 0.11 = \underline{\quad}$

4. What about when one addend has hundredths, and the other only tenths? Try to add the following:

a. $0.2 + 0.05 =$

b. $0.7 + 0.04 =$

c. $0.12 + 0.5 =$