

MCC6.NS.3 I will be able to add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

How much money do you have in your pocket if you have two quarters, one dime and three pennies?

To add decimals, line up the decimal points. Then add digits in the same place-value position.

Page 8 Find the sum

a. $54.7 + 21.4$ b. $14.2 + 23.5$ c. $17.3 + 33.5$

54.7	14.2	17.3
<u>21.4</u>	<u>23.5</u>	<u>33.5</u>

How do we subtract decimals?

The same way we add them. We have to line up the decimals and subtract. Sometime we may regroup.

Example: d) $9.543 - 3.671$ e) $\$50.62 - \39.81 f) $14 - 9.09$

Take out a seperate notebook for AAP 7th period class.

Write down what is below.

What are adjectives?

Adjectives answer the question which one?
what kind? and how many?

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1 a. $2.27 + 1.9 = \underline{\hspace{2cm}}$

1 b. $4.2 + 0.8 = \underline{\hspace{2cm}}$

2 a. $0.1 + 0.8 = \underline{\hspace{2cm}}$

2 b. $5.44 + 0.2 = \underline{\hspace{2cm}}$

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How do we multiply and divide multi-digit numbers with decimals?

We multiply and divide as usual. ***HOWEVER*** we must preserve the place value.

EXAMPLE:

$$5 \times 0.25$$

Set up the problem with the most digits on the top and the least digits on the bottom

$$\begin{array}{r} 0.25 \\ \times 5 \\ \hline \end{array}$$

Align the numbers on the right.

MULTIPLY as usual

Count off the # of decimal places in each factor.

Total the decimals.

Then count off the # of decimal places in the product from the right.

Once you are finished writing the notes turn to page 24 in your book.

Do a, b, c.

Students will use copy paper to complete a self-made collage

