


Review over the following rules when working with decimals. Just focus on the addition and subtraction for these assignments.

Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths
1	4	9	2	.	3	5	7

- The numbers to the *left* of the decimal point are *whole* numbers. (1, 4, 9, 2)
- The numbers to the *right* of the decimal point are *parts* of numbers. (3, 5, 7)



Rules of Decimals

Multiplication

- The decimal points **DO NOT** line up. Align the numbers to the right, placing the number with the most digits on the top.
- Multiply regularly, as if the decimal points are not there.
- Count how many decimal places there are in the equation. The number of decimal places in the equation will be the same number of decimal places in the answer.

Example: $6.93 \times .4$

$$\begin{array}{r}
 6.93 \\
 \times .4 \\
 \hline
 2.772
 \end{array}$$

$6.93 \leftarrow$ two decimal places
 $.4 \leftarrow$ one decimal place
 $2.772 \leftarrow$ three decimal places

Addition/Subtraction

- Line up the decimal points so they are in the same column.
- After the decimal points are lined up, fill in any empty space on the right with a zero.
- Add or subtract.
- Bring down the decimal point so that it is in the same column in the answer as it is in the problem.

Example: $9.54 + .4 + .723$

$$\begin{array}{r}
 9.540 \\
 + .400 \\
 + .723 \\
 \hline
 10.663
 \end{array}$$

Division

No Decimal in the Divisor:

- If there is no decimal in the divisor, begin by placing the decimal point in the quotient in the same column as it is in the dividend.
- Divide.

Decimal in the Divisor:

- If there is a decimal in the divisor, the first step is to turn the divisor into a whole number. To do this, move the decimal point in the divisor to the right the amount of times it takes to make the number a whole number.
- Then, move the decimal point in the dividend to the right the same number of times that it was moved in the divisor.
- Divide. Begin by moving the decimal point up into the quotient from its new position in the dividend.

Example:




$$\begin{array}{r}
 1.82 \\
 3 \overline{) 5.46} \\
 \underline{-3} \\
 24 \\
 \underline{-24} \\
 06
 \end{array}$$

Example:

$$\begin{array}{r}
 0.03 \\
 52 \overline{) 1.56} \\
 \underline{-0} \\
 156 \\
 \underline{-156} \\
 0
 \end{array}$$

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Directions: Choose **ONE** high tech, low tech, **or** no tech lesson for each day.

Date	 High Tech	 Low Tech	 No Tech
Day 1	<p>Name: Adding Decimals</p> <p>Lesson Description: Watch the following video on adding decimals: https://learnzillion.com/lesson_plans/5224-add-decimals/lesson</p> <p>Go to flipgrid. Create a flipgrid explaining how to add a decimal to a decimal..</p> <p>https://flipgrid.com/4319c6d0</p>	<p>Name: Adding decimals</p> <p>Lesson Description: Watch the following video on adding decimals: https://learnzillion.com/lesson_plans/5224-add-decimals/lesson</p> <p>Write a paragraph explaining how to add decimals and Place in a google doc to share with your teacher.</p>	<p>Name: Adding decimals</p> <p>Lesson Description: Look over the rules on adding decimals at the top of this choice board.</p> <p>Create a poster (regular white sheet of paper) to show how to add 2 decimals together.</p>
Day 2	<p>Name: Decimals</p> <p>Lesson Description:</p> <p>Write a math RAP RHYME explaining how to add and subtract decimals. Place your RAP RHYME on flipgrid.</p> <p>https://flipgrid.com/7a639899</p>	<p>Name: Decimals</p> <p>Lesson Description:</p> <p>Make a google slide presentation or powerpoint showing how to add and subtract decimals. Give at least 5 examples.</p>	<p>Name: Decimals</p> <p>Lesson Description:</p> <p>Create a worksheet and answer key with 10 math decimal problems. You should have at least 2 problems with each operation (+, -, ×, ÷), and 10 problems in all.</p> <p>Ex: $23.5 + 4.3 =$</p> <p>Then an answer sheet to show how to solve them. EX. $23.5 + 4.3 = 27.8$</p>
Day 3	<p>Name: Decimals</p> <p>Lesson Description:</p> <p>Complete Iready assignment on Decimals for 20 minutes.</p>	<p>Name: Decimals</p> <p>Lesson Description:</p> <p>Complete Iready assignment on Decimals for 20 minutes.</p>	<p>Name: Decimals</p> <p>Lesson Descriptions</p> <p>Complete the handout on adding and subtracting decimals. (Paper copy</p>

	<p>Join the quizziz on adding and subtracting decimals. In your notebook, write today's date and your high score.</p> <p>joinmyquiz.com and enter this code 912255</p>	<p>Join the quizziz on adding and subtracting decimals. In your notebook, write today's date and your high score.</p> <p>joinmyquiz.com and enter this code 912255</p>	provided)
Day 4	<p>Name: Decimals with money</p> <p>Lesson Description: Create a google slide presentation with story problems using money.</p> <p>Example: Look in a magazine or grocery paper and find out how much items cost. Make slides with this information. If you bought 2 of an item how much would it cost? You could also look up grocery stores on the internet to find their weekly specials.</p>	<p>Name: Decimals with money</p> <p>Lesson Description: Create a google slide presentation with story problems using money and things that you see around your house.</p> <p>Example: Look in a magazine or grocery paper and find out how much items cost. Make slides with this information. If you bought 2 of an item how much would it cost? You could also look up grocery stores on the internet to find their weekly specials.</p>	<p>Name: Decimals with money</p> <p>Lesson Description: Walk around your house. . Find 10 examples of decimals. You can look at magazines, food labels, etc. Make a poster/collage of all the examples that you find.</p>
Day 5	<p>Name: Basic Skills review</p> <p>Lesson Description: Log into Iready and work on your level for 20 minutes.</p>	<p>Name: Basic Skills Review</p> <p>Lesson Description: Log into Iready and work on your level for 20 minutes.</p>	<p>Name: Basic Skills Review</p> <p>Lesson Description: COmplete the basic skills handout on addition and subtraction.</p>
Day 6	<p>Name: Basic Skills Review with decimals</p> <p>Lesson Description: Click on the following link and watch the video about</p>	<p>Name: Basic Skills Review with decimals</p> <p>Lesson Description: Click on the following link and watch the video about</p>	<p>Name: Basic Skills Review with decimals</p> <p>Lesson Description: Complete the handout on decimals.</p>

	<p>decimals. https://www.mathantics.com/lesson/decimal-place-value Complete the attached handout. You can either work on the problems on paper or put it into a google account and send it to me by email.</p>	<p>decimals. https://www.mathantics.com/lesson/decimal-place-value Complete the attached handout. You can either work on the problems on paper or put it into a google account and send it to me by email.</p>	
Day 7	<p>Name: Decimal review</p> <p>Lesson Description: Complete the following quizziz and note your high score. Snip it and turn in on Canvas.</p> <p>joinmyquiz.com and enter this code 411940</p> <p>Work on IReady for 15 minutes.</p>	<p>Name: Decimal review</p> <p>Lesson Description: Complete the following quizziz and note your high score. Snip it and turn in on Canvas.</p> <p>joinmyquiz.com and enter this code 411940</p> <p>Work on Iready for 15 minutes.</p>	<p>Name: Decimal review</p> <p>Lesson Description: Complete the decimal handout on paper.</p>
Day 8	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>
Day 9	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>	<p>These next two days are to be used to make up any work that has not been finished in the past 7 school days. This applies for any Core classes.</p>