

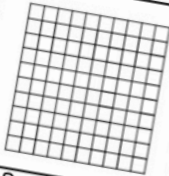

Common Core Aligned

Decimal of the Day Sheets



- ★ 30 thinksheets to print or view
- ★ Increases in difficulty
- ★ "Think About It" section
- ★ Full answer key

DECIMAL OF THE DAY

Add it to this 1.5		Say it in words
Subtract it from this 2.5	Fraction it $\frac{89}{100} = \frac{\quad}{1000}$	Expand it Fractions - Decimals -
Multiply it by 10 100	Model it 	Put it on a number line 
Divide it by 10 100	Round it to the nearest 1 - .1 -	Percent it _____ %

THINK ABOUT IT If you doubled 89, what would the answer be?

Name: _____ Date: _____

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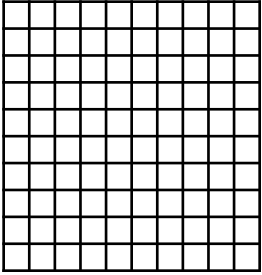


Notes:

You can open this file (PDF) on your computer and display page to your whole class. You can then scroll to the next page for the answers. You can also print out some pages and put them in plastic sheet protectors and have groups of students fill them out using dry erase or vis-à-vis markers. You can also print out sets for assignments or homework.

5.NBT.1-4 and 7



DECIMAL OF THE DAY


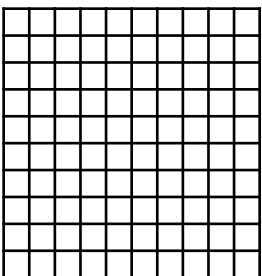

Add it to this		Write it in words
Subtract it from this	<p>Fraction it</p> <p>----- = -----</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
Multiply it by	<p>Model it</p> 	<p>Put it on a number line</p> 
Divide it by	Round it to the nearest	Add these to the line 

THINK ABOUT IT

Name: _____

Date: _____

DECIMAL OF THE DAY ¹

<p>Add it to this</p> <p>.3</p>		<p>Write it in words</p>
<p>Subtract it from this</p> <p>.7</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.1 & .4</p>

THINK ABOUT IT


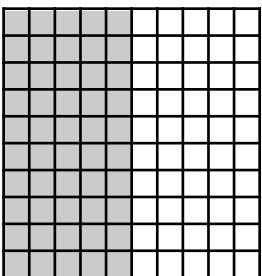
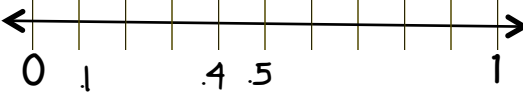
Five tenths is also called half or $\frac{1}{2}$? Why?

Name: _____

Date: _____

DECIMALS OF THE DAY 1

ANSWERS

<p>Add it to this</p> $.3 + .5 = .8$		<p>Write it in words</p> <p>Five tenths</p>
<p>Subtract it from this</p> $.7 - .5 = .2$	<p>Fraction it</p> $\frac{5}{10} = \frac{50}{100}$	<p>Expand it</p> <p>Fractions - 5/10</p> <p>Decimals - .5</p>
<p>Multiply it by</p> <p>10 5</p> <p>100 50</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10 .05</p> <p>100 .005</p>	<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .5</p>	<p>Add these to the line</p> <p>1 & .4</p>

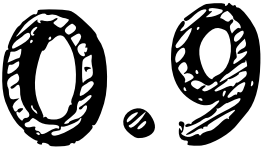
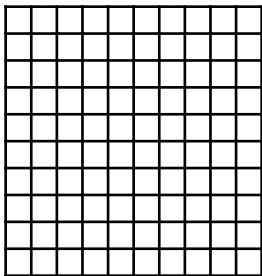

THINK ABOUT IT

Five tenths is also called half or $\frac{1}{2}$? Why?

Name: _____

Date: _____

DECIMAL OF THE DAY ²

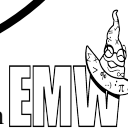
<p>Add it to this</p> <p>.3</p>		<p>Write it in words</p>
<p>Subtract it from this</p> <p>1</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.2 & .8</p>

THINK ABOUT IT

What would the answer be if you doubled .9? How would you figure it out?

Name: _____

Date: _____



DECIMAL OF THE DAY 2

ANSWERS

Add it to this

$$.3 + .9 = 1.2$$

Write it in words

0.9

Nine tenths

Subtract it from this

$$1 - .9 = .1$$

Fraction it

$$\frac{9}{10} = \frac{90}{100}$$

Expand it

Fractions -

$$\frac{9}{10}$$

Decimals -

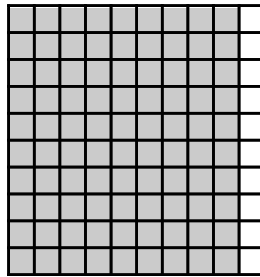
$$.9$$

Multiply it by

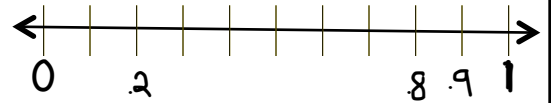
$$10 \quad 9$$

$$100 \quad 90$$

Model it



Put it on a number line



Divide it by

$$10 \quad .09$$

$$100 \quad .009$$

Round it to the nearest

$$1 - 1$$

$$.1 - .9$$

Add these to the line

.2 & .8


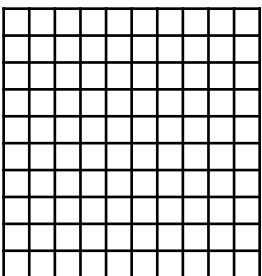

THINK ABOUT IT

What would the answer be if you doubled .9? How would you figure it out?

Name: _____

Date: _____

DECIMAL OF THE DAY ³

<p>Add it to this</p> <p>.9</p>		<p>Write it in words</p>
<p>Subtract it from this</p> <p>.2</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>whole number -</p> <p>tenth -</p>	<p>Add these to the line</p> <p>.2 & .3</p>

THINK ABOUT IT

Compare .1 to pennies and dimes.

Name: _____

Date: _____

DECIMAL OF THE DAY 3

ANSWERS

Add it to this

$$.9 + .1 = 1$$



Write it in words

One tenth

Subtract it from this

$$.2 - .1 = .1$$

Fraction it

$$\frac{1}{10} = \frac{10}{100}$$

Expand it

Fractions -

$$1/10$$

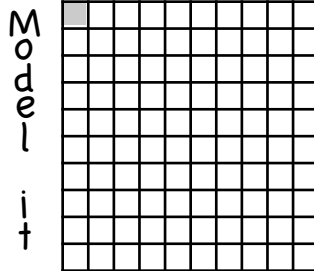
Decimals -

$$.1$$

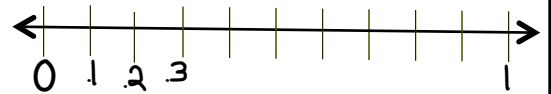
Multiply it by

$$10 \quad 1$$

$$100 \quad 10$$



Put it on a number line



Divide it by

$$10 \quad .01$$

$$100 \quad .001$$

Round it to the nearest

whole number - 0
tenth - .1

Add these to the line

.2 & .3

THINK ABOUT IT

Compare .1 to pennies and dimes.

Name: _____

Date: _____

DECIMAL OF THE DAY ⁴

Add it to this

.4

Write it in words

.4

Subtract it from this

.9

Fraction it

$$\frac{\quad}{10} = \frac{\quad}{100}$$

Expand it

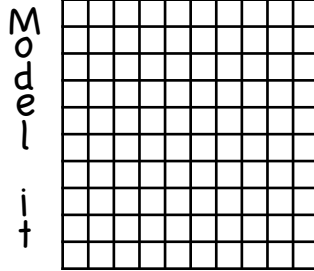
Fractions -

Decimals -

Multiply it by

10

100



Put it on a number line



Divide it by

10

100

Round it to the nearest

1 -

.1 -

Add these to the line

.3 & .5

THINK ABOUT IT


Is .4 the same as 40 cents? Why or why not?

Name: _____

Date: _____

DECIMALS OF THE DAY 4

ANSWERS

<p>Add it to this</p> $.4 + .4 = .8$	<p>Write it in words</p> <p>Four tenths</p>
<p>Subtract it from this</p> $.9 - .4 = .5$	<p>Fraction it</p> $\frac{4}{10} = \frac{40}{100}$
<p>Multiply it by</p> <p>10 4</p> <p>100 40</p>	<p>Expand it</p> <p>Fractions - 4/10</p> <p>Decimals - .4</p>
<p>Divide it by</p> <p>10 .04</p> <p>100 .004</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - .4</p>	<p>Add these to the line</p> <p>.3 & .5</p>

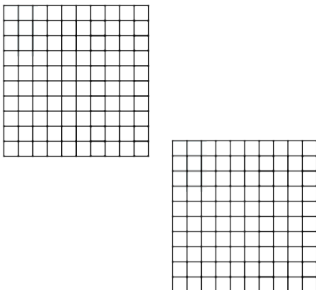
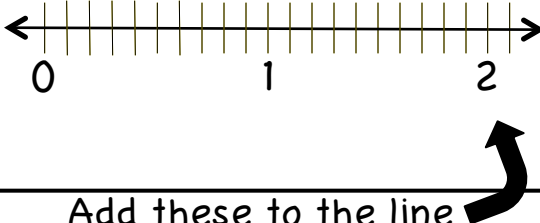
THINK ABOUT IT

Is .4 the same as 40 cents? Why or why not?

Name: _____

Date: _____

DECIMAL OF THE DAY ⁵

<p>Add it to this</p> <p>.9</p>	<p>1.2</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>3</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.5 & .9</p>

THINK ABOUT IT

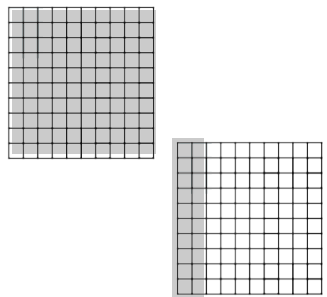
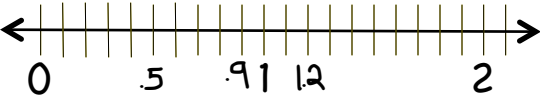
How could you divide 1.2 in half?

Name: _____

Date: _____

DECIMAL OF THE DAY 5

ANSWERS

<p>Add it to this</p> $.9 + 1.2 = 2.1$	<p>Write it in words</p> <p>One AND two tenths</p>
<p>Subtract it from this</p> $3 - 1.2 = 1.8$	<p>Fraction it</p> $\frac{12}{10} = \frac{120}{100}$ <p>Or 1 $\frac{2}{10}$ or 1 $\frac{20}{100}$</p>
<p>Multiply it by</p> <p>10 12</p> <p>100 120.</p>	<p>Model it</p> 
<p>Divide it by</p> <p>10 .12</p> <p>100 .012</p>	<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - 1.2</p>
<p>Expand it</p> <p>Fractions -</p> <p>1 + $\frac{2}{10}$</p> <p>Decimals -</p> <p>1 + .2</p> <p>Put it on a number line</p>  <p>Add these to the line</p> <p>.5 & .9</p>	

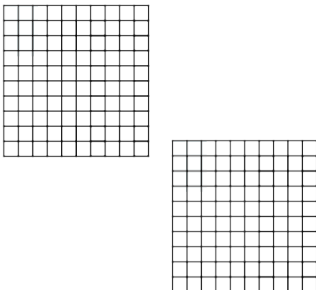
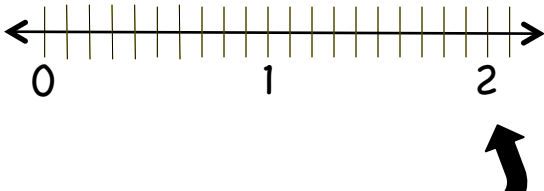
THINK ABOUT IT

How could you divide 1.2 in half?

Name: _____

Date: _____

DECIMAL OF THE DAY ⁶

<p>Add it to this</p> <p>1.3</p>	<p>1.9</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.5</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>whole number -</p> <p>tenth -</p>	<p>Add these to the line</p> <p>1.2 & .3</p>

THINK ABOUT IT

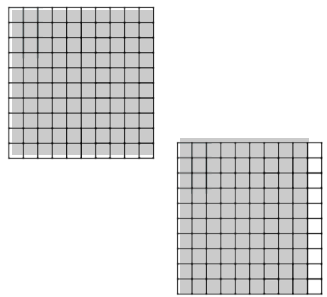
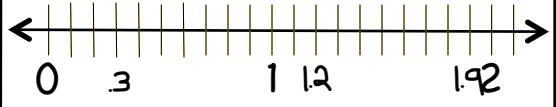
Which is closer to 1.9 - 2.3 or 1.6? Why?

Name: _____

Date: _____

DECIMAL OF THE DAY 6

ANSWERS

<p>Add it to this</p> $1.3 + 1.9 = 3.2$	<p>Write it in words</p> <p>One and nine tenths</p>
<p>Subtract it from this</p> $2.5 - 1.9 = .6$	<p>Fraction it</p> $1\frac{9}{10} = 1\frac{90}{100}$
<p>Multiply it by</p> <p>10 19</p> <p>100 190</p>	<p>Model it</p> 
<p>Divide it by</p> <p>10 .19</p> <p>100 .019</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>whole number - 2</p> <p>tenth - 1.9</p>	<p>Add these to the line</p> <p>1.2 & .3</p>

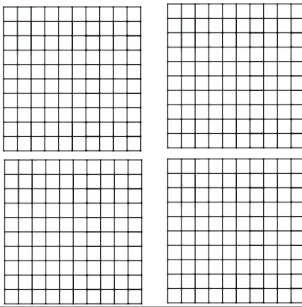
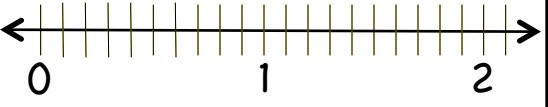
THINK ABOUT IT

Which is closer to 1.9 - 2.3 or 1.6? Why?

Name: _____

Date: _____

DECIMAL OF THE DAY ⁷

<p>Add it to this</p> <p>.9</p>	<p>2.1</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.5</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.2 & 1.5</p>

THINK ABOUT IT

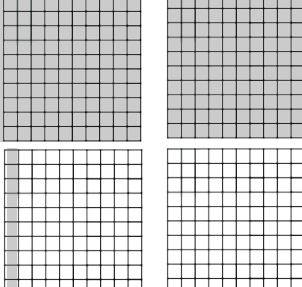
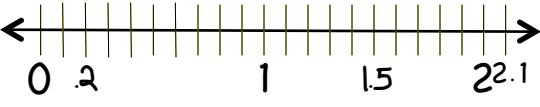
How far away is 1.5 from 2? How did you figure it out?

Name: _____

Date: _____

DECIMAL OF THE DAY 7

ANSWERS

<p>Add it to this</p> $.9 + 2.1 = 3$	<p>Write it in words</p> <p style="font-size: 2em; text-align: center;">2.1</p> <p>Two AND one tenth</p>	
<p>Subtract it from this</p> $2.5 - 2.1 = .4$	<p>Fraction it</p> $2 \frac{1}{10} = 2 \frac{10}{100}$	<p>Expand it</p> <p>Fractions - $2 + 1/10$</p> <p>Decimals - $2 + .1$</p>
<p>Multiply it by</p> <p>10 21</p> <p>100 210</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10 .21</p> <p>100 .021</p>	<p>Round it to the nearest</p> <p>1 - 2</p> <p>.1 - 2.1</p>	<p>Add these to the line</p> <p style="font-size: 2em; text-align: center;">.2 & 1.5</p>

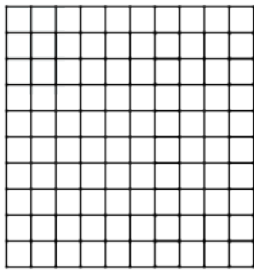
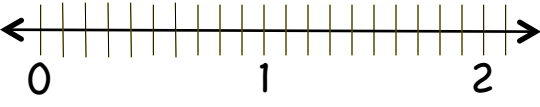
THINK ABOUT IT

How far away is 1.5 from 2.1? How did you figure it out?

Name: _____

Date: _____

DECIMAL OF THE DAY ⁸

<p>Add it to this</p> <p>.9</p>	<p>.10</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.9</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.5 & 1.2</p>

THINK ABOUT IT

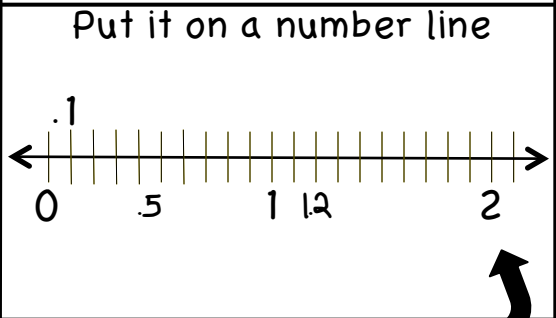
How many ways can you write .10 as a decimal?

Name: _____

Date: _____

DECIMAL OF THE DAY 8

ANSWERS

<p>Add it to this</p> $.9 + .10 = 1$	<p>Write it in words</p> $.10$ <p>one tenth</p>
<p>Subtract it from this</p> $2.9 - .1 = 2.8$	<p>Fraction it</p> $\frac{1}{10} = \frac{10}{100}$
<p>Multiply it by</p> <p>10 1</p> <p>100 10</p>	<p>Expand it</p> <p>Fractions -</p> <p>$\frac{1}{10}$</p> <p>Decimals -</p> <p>.1</p>
<p>Divide it by</p> <p>10 .01</p> <p>100 .001</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - .1</p>	<p>Add these to the line</p> <p>.5 & 1.2</p>

THINK ABOUT IT

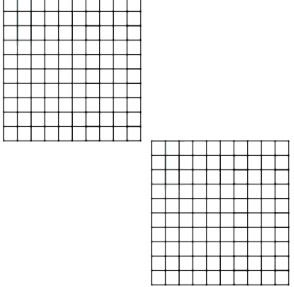
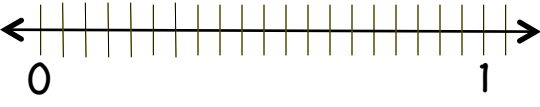
How many ways can you write .10 as a decimal?

Name: _____

Date: _____

DECIMAL OF THE DAY

9

<p>Add it to this</p> <p>3.1</p>	<p>Write it in words</p> <p>.25</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>1</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{100}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>whole number -</p> <p>tenth -</p>	<p>Add these to the line</p> <p>.5 & .75</p>

THINK ABOUT IT

Twenty five tenths is also called 1/4? Why?

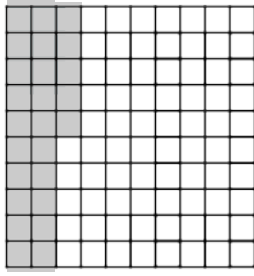
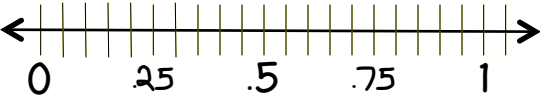
Name: _____

Date: _____



DECIMAL OF THE DAY 9

ANSWERS

<p>Add it to this</p> $3.1 + .25 = 3.35$	<p>Write it in words</p> <p>Twenty five hundredths</p>
<p>Subtract it from this</p> $1 - .25 = .75$	<p>Fraction it</p> $\frac{1}{4} = \frac{25}{100}$
<p>Multiply it by</p> <p>10 2.5</p> <p>100 25</p>	<p>Model it</p> 
<p>Divide it by</p> <p>10 .025</p> <p>100 .0025</p>	<p>Round it to the nearest</p> <p>whole number - 0</p> <p>tenth - .3</p>
<p>Expand it</p> <p>Fractions -</p> $\frac{2}{10} + \frac{5}{100}$ <p>Decimals -</p> $.2 + .05$ <p>Put it on a number line</p>  <p>Add these to the line</p> <p>.5 & .75</p>	

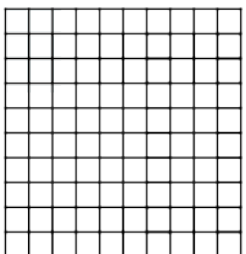
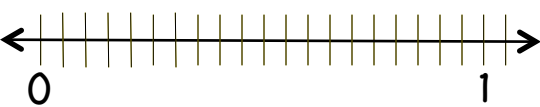
THINK ABOUT IT

Twenty five tenths is also called 1/4? Why?

Name: _____

Date: _____

DECIMAL OF THE DAY ¹⁰

<p>Add it to this</p> <p>.25</p>	<p>Write it in words</p> <p>.75</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.5 & .25</p>

THINK ABOUT IT

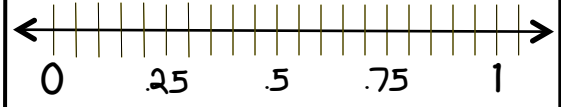
Seventy five tenths is also called $\frac{3}{4}$? Why?

Name: _____

Date: _____

DECIMAL OF THE DAY 10

ANSWERS

<p>Add it to this</p> $.25 + .75 = 1$	<p>Write it in words</p> <p>Seventy-five hundredths</p>
<p>Subtract it from this</p> $2 - .75 = 1.25$	<p>Fraction it</p> $\frac{75}{100} = \frac{750}{1000}$
<p>Multiply it by</p> <p>10 7.5</p> <p>100 75.</p>	<p>Expand it</p> <p>Fractions -</p> $7/10 + 5/100$ <p>Decimals -</p> $.7 + .05$
<p>Divide it by</p> <p>10 .075</p> <p>100 .0075</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .8</p>	<p>Add these to the line</p> <p>.5 & .25</p>

THINK ABOUT IT

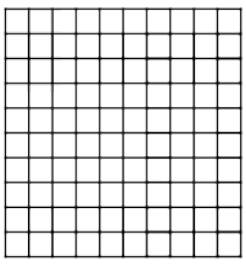
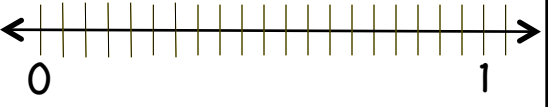
Seventy five tenths is also called 3/4? Why?

Name: _____

Date: _____



DECIMAL OF THE DAY 11

<p>Add it to this</p> <p>.25</p>	<p>1.</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.5</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.3 & .6</p>

THINK ABOUT IT

If you divided 1 (one) into ten pieces, what would you have? What if you divided 2? Is there a pattern?

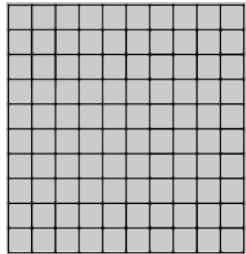
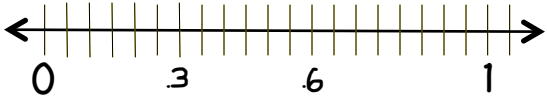
Name: _____

Date: _____



DECIMAL OF THE DAY 11

ANSWERS

<p>Add it to this</p> $2.5 + 1 = 1.25$	<p>Write it in words</p> <p>1.</p> <p>One</p>	
<p>Subtract it from this</p> $2.5 - 1 = 1.5$	<p>Fraction it</p> $\frac{10}{10} = \frac{100}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>1</p> <p>Decimals -</p> <p>1</p>
<p>Multiply it by</p> <p>10 10</p> <p>100 100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10 .1</p> <p>100 .01</p>	<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - 1</p>	<p>Add these to the line</p> <p>.3 & .6</p>

THINK ABOUT IT

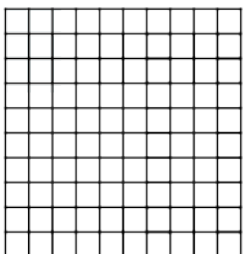
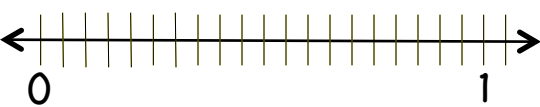
If you divided 1 (one) into ten pieces, what would you have? What if you divided 2? Is there a pattern?

Name: _____

Date: _____



DECIMAL OF THE DAY ¹²

<p>Add it to this</p> <p>.42</p>	<p>Write it in words</p> <p>.35</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>.78</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>whole number -</p> <p>tenth -</p>	<p>Add these to the line</p> <p>.4 & .65</p>

THINK ABOUT IT

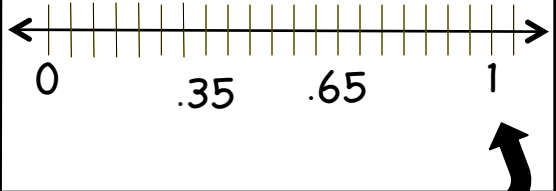
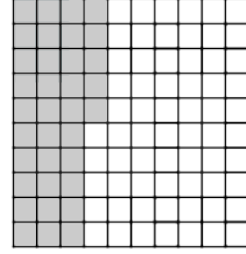
What would you need to add to get to 1?
Explain two ways to figure it out.

Name: _____

Date: _____

DECIMAL OF THE DAY 12

ANSWERS

<p>Add it to this</p> $.42 + .35 = .77$	<p>Write it in words</p> <p>Thirty five hundredths</p>
<p>Subtract it from this</p> $.78 - .35 = .43$	<p>Fraction it</p> $\frac{35}{100} = \frac{350}{1000}$
<p>Multiply it by</p> <p>10 3.5</p> <p>100 35.0</p>	<p>Expand it</p> <p>Fractions -</p> $\frac{3}{10} + \frac{5}{100}$ <p>Decimals -</p> $.3 + .05$
<p>Divide it by</p> <p>10 .035</p> <p>100 .0035</p>	<p>Put it on a number line</p> 
<p>Model it</p> 	<p>Round it to the nearest</p> <p>whole number - 0</p> <p>tenth - .4</p>
<p>Add these to the line</p> <p>.4 & .65</p>	

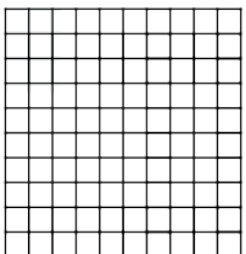
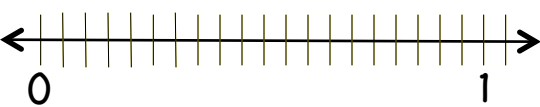
THINK ABOUT IT

What would you need to add to get to 1?
Explain two ways to figure it out.

Name: _____

Date: _____

DECIMAL OF THE DAY ^{1/3}

<p>Add it to this</p> <p>5</p>	<p>.50</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>1</p>	<p>Fraction it</p> $\frac{\quad}{10} = \frac{\quad}{100}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Add these to the line</p> <p>.3 & .6</p>

THINK ABOUT IT

Five tenths (5/10 or 50/100) is also known as half (1/2). So if a shirt is on sale and the sale price is half off the original price, it's also 50% off. So if the shirt was originally \$24, how much does it cost on sale?

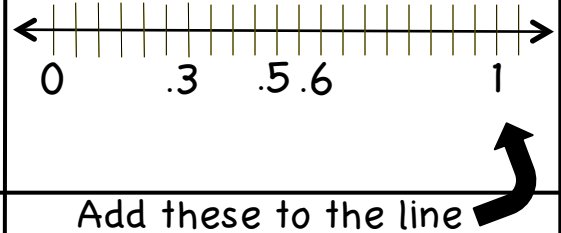
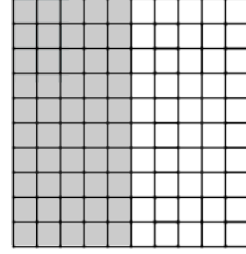
Name: _____

Date: _____



DECIMAL OF THE DAY 13

ANSWERS

<p>Add it to this</p> $5 + .5 = 5.50$	<p>Write it in words</p> <p>Five tenths or five hundredths</p>
<p>Subtract it from this</p> $1 - .5 = .5$	<p>Fraction it</p> $\frac{5}{10} = \frac{50}{100}$
<p>Multiply it by</p> <p>10 5.0</p> <p>100 50.0</p>	<p>Expand it</p> <p>Fractions - 5/10</p> <p>Decimals - .5</p>
<p>Divide it by</p> <p>10 .05</p> <p>100 .005</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .5</p>	<p>Model it</p> 

THINK ABOUT IT

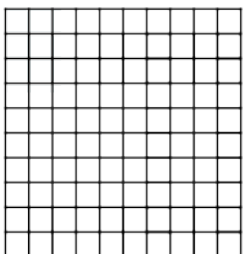
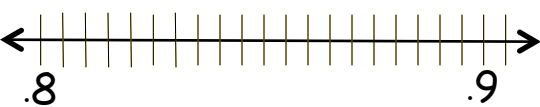
Five tenths (5/10 or 50/100) is also know as half (1/2). So if a shirt is on sale and the sale price is half off the original price, it's also 50% off. So if the shirt was originally \$24, how much does it cost on sale?

Name: _____

Date: _____



DECIMAL OF THE DAY 14

<p>Add it to this</p> <p>1.5</p>	<p>.89</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.5</p>	<p>Fraction it</p> $\frac{\quad}{100} = \frac{\quad}{1000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT If you doubled .89, what would the answer be?

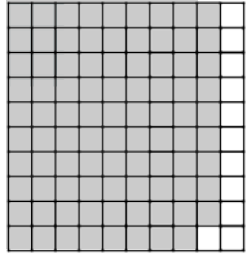
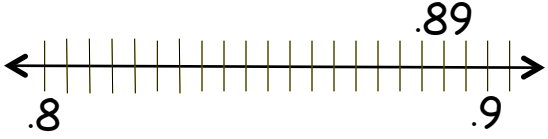
Name: _____

Date: _____



DECIMAL OF THE DAY 14

ANSWERS

<p>Add it to this</p> $1.5 + .89 = 2.39$	<p>Write it in words</p> <p>Eighty nine hundredths</p>
<p>Subtract it from this</p> $2.5 - .89 = 1.61$	<p>Fraction it</p> $\frac{89}{100} = \frac{890}{1000}$
<p>Multiply it by</p> <p>10 89</p> <p>100 89.</p>	<p>Model it</p> 
<p>Divide it by</p> <p>10 .089</p> <p>100 .0089</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .9</p>	<p>Percent it</p> <p>89%</p>

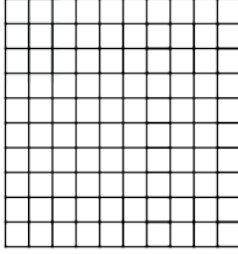
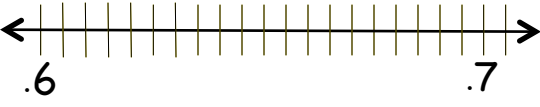
THINK ABOUT IT If you doubled .89, what would the answer be?

Name: _____

Date: _____



DECIMAL OF THE DAY 15

<p>Add it to this</p> <p>.2</p>	<p>.66</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>.8</p>	<p>Fraction it</p> $\frac{\quad}{100} = \frac{\quad}{1000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT

How could you divide .66 in half?

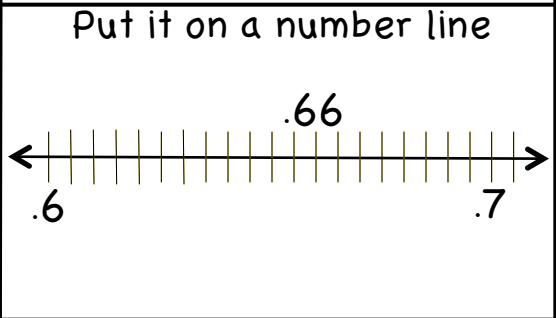
Name: _____

Date: _____



DECIMAL OF THE DAY 15

ANSWERS

<p>Add it to this</p> $.2 + .66 = .86$	<p>Write it in words</p> <p>Sixty six hundredths</p>
<p>Subtract it from this</p> $.8 - .66 = .14$	<p>Fraction it</p> $\frac{66}{100} = \frac{660}{1000}$
<p>Multiply it by</p> <p>10 6.6</p> <p>100 66.</p>	<p>Expand it</p> <p>Fractions -</p> $6/10 + 6/100$ <p>Decimals -</p> $.6 + .06$
<p>Divide it by</p> <p>10 .066</p> <p>100 .0066</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .7</p>	<p>Percent it</p> <p>66%</p>

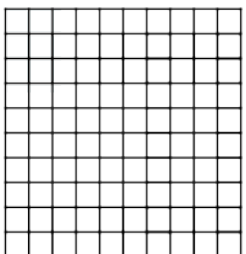
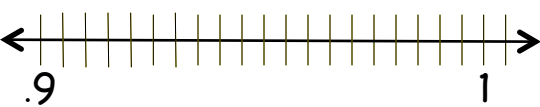
THINK ABOUT IT

How could you divide .66 in half?

Name: _____

Date: _____

DECIMAL OF THE DAY ¹⁶

<p>Add it to this</p> <p>.35</p>	<p>.98</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.3</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT

How could you divide .98 in half?

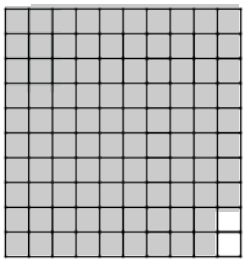
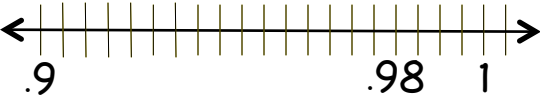
Name: _____

Date: _____



DECIMAL OF THE DAY 16

ANSWERS

<p>Add it to this</p> $.35 + .98 = 1.33$	<p>Write it in words</p> <p>Ninety eight hundredths</p>
<p>Subtract it from this</p> $2.3 - .98 = 1.32$	<p>Fraction it</p> $\frac{98}{100} = \frac{980}{1000}$
<p>Multiply it by</p> <p>10 9.8</p> <p>100 98</p>	<p>Model it</p> 
<p>Divide it by</p> <p>10 .098</p> <p>100 .0098</p>	<p>Put it on a number line</p> 
<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - 1</p>	<p>Percent it</p> <p>98%</p>

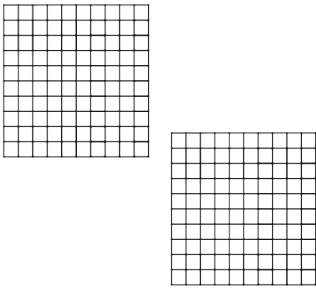

THINK ABOUT IT

How could you divide .98 in half?

Name: _____

Date: _____

DECIMAL OF THE DAY 17

<p>Add it to this</p> <p>.5</p>	<p>1.08</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>1.32</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT


How could you divide 1.08 into four equal pieces?

Name: _____

Date: _____

DECIMAL OF THE DAY 17

ANSWERS

<p>Add it to this</p> $.5 + 1.08 = 1.58$	<p>Write it in words</p> <p>One AND eight hundredths</p>
<p>Subtract it from this</p> $1.32 - 1.08 = .24$	<p>Fraction it</p> $1\frac{08}{100} = 1\frac{080}{1000}$
<p>Multiply it by</p> <p>10 108</p> <p>100 108</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> <p>10 .108</p> <p>100 .0108</p>	<p>Round it to the nearest</p> <p>1 - 1</p> <p>.1 - .1</p>
<p>Expand it</p> <p>Fractions - 1 + 8/100</p> <p>Decimals - 1 + .08</p> <p>Percent it</p> <p>108%</p>	

THINK ABOUT IT

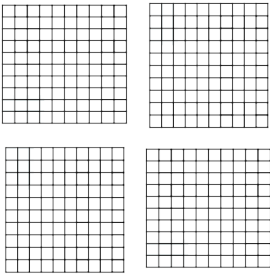

How could you divide 1.08 into four equal pieces?

Name: _____

Date: _____



DECIMAL OF THE DAY ^{1/8}

<p>Add it to this</p> <p>.88</p>	<p>3.24</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>5.03</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT

What is 50% of 3.24?


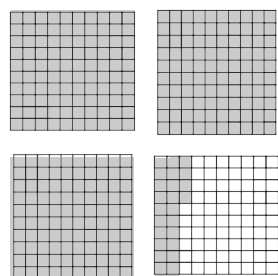
Name: _____

Date: _____



DECIMAL OF THE DAY 18

ANSWERS

<p>Add it to this</p> $.88 + 3.24 = 4.12$	<p>Write it in words</p> <p>Three and twenty four hundredths</p>
<p>Subtract it from this</p> $5.03 - 3.24 = 1.79$	<p>Fraction it</p> $3\frac{24}{100} = 3\frac{240}{1000}$
<p>Multiply it by</p> <p>10 32.4</p> <p>100 324</p>	<p>Expand it</p> <p>Fractions -</p> $3 + \frac{2}{10} + \frac{4}{100}$ <p>Decimals -</p> $3 + .2 + .04$
<p>Divide it by</p> <p>10 .324</p> <p>100 .0324</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Model it</p> 	<p>Round it to the nearest</p> <p>1 - 3</p> <p>.1 - 3.2</p>
<p>Percent it</p> <p>324%</p>	

THINK ABOUT IT

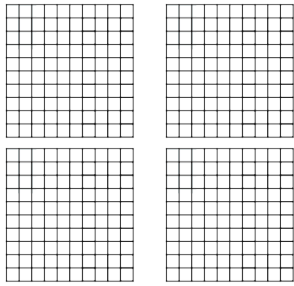
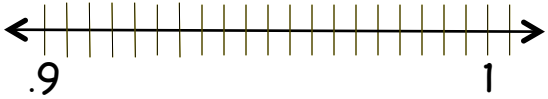
What is 50% of 3.24?

Name: _____

Date: _____



DECIMAL OF THE DAY 19

<p>Add it to this</p> <p>3.95</p>	<p>2.05</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>2.3</p>	<p>Fraction it</p> $\frac{\quad}{100} = \frac{\quad}{1000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT

Estimate .50 (Remember: 1/2 or 50%) of 2.05. How could you figure it out? Show two ways.

Name: _____

Date: _____



DECIMAL OF THE DAY 19

ANSWERS

<p>Add it to this</p> $3.95 + 2.05 = 6$	<p>Write it in words</p> <p>Two and five hundredths</p>
<p>Subtract it from this</p> $2.3 - 2.05 = .25$	<p>Fraction it</p> $2\frac{5}{100} = 2\frac{50}{1000}$
<p>Multiply it by</p> <p>10 20.5</p> <p>100 205</p>	<p>Model it</p>
<p>Divide it by</p> <p>10 .205</p> <p>100 .0205</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p> <p>Answers will vary, but here is a possibility.</p>
<p>Round it to the nearest</p> <p>1 - 2</p> <p>.1 - 2.1</p>	<p>Percent it</p> <p>205%</p>

THINK ABOUT IT


Estimate .50 (Remember: 1/2 or 50%) of 2.05. How could you figure it out? Show two ways.

Name: _____

Date: _____



DECIMAL OF THE DAY ²⁰

<p>Add it to this</p> <p>.25</p>	<p>10.25</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>12.03</p>	<p>Fraction it</p> <p>$\frac{\quad}{100} = \frac{\quad}{1000}$</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Maybe skip it this time.</p> <p>Model it</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT

Come up with a money story problem that uses \$10.25 as an answer.


Name: _____

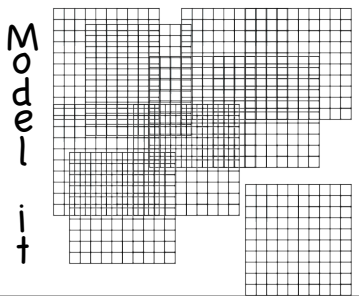
Date: _____



DECIMAL OF THE DAY ²⁰

ANSWERS

<p>Add it to this</p> $.25 + 10.25 = 10.5$	<p>Write it in words</p> <p>Ten and twenty five hundredths</p>
<p>Subtract it from this</p> $12.03 - 10.25 = 1.78$	<p>Fraction it</p> $10\frac{25}{100} = 10\frac{250}{1000}$
<p>Multiply it by</p> <p>10 102.5</p> <p>100 1025.</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> <p>10 1.025</p> <p>100 .01025</p>	<p>Round it to the nearest</p> <p>1 - 10</p> <p>.1 - 10.3</p>
<p>Expand it</p> <p>Fractions -</p> $10 + \frac{2}{10} + \frac{5}{100}$ <p>Decimals -</p> $10 + .2 + .05$	<p>Percent it</p> <p>1025%</p>



THINK ABOUT IT

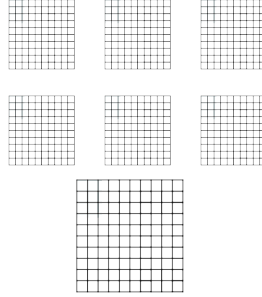

Come up with a money story problem that uses \$10.25 as an answer.

Name: _____

Date: _____



DECIMAL OF THE DAY ²¹

<p>Add it to this</p> <p>29</p>	<p>6.72</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>12.03</p>	<p>Fraction it</p> $\frac{\quad}{100} = \frac{\quad}{1000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10</p> <p>100</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10</p> <p>100</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p>	<p>Percent it</p> <p>_____ %</p>

THINK ABOUT IT


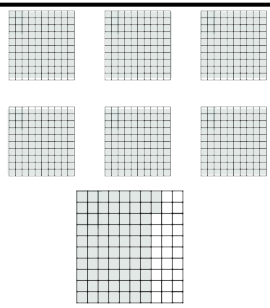
How could you divide 6.72 into fourths (.25 or 25%)?

Name: _____

Date: _____

DECIMAL OF THE DAY 21

ANSWERS

<p>Add it to this</p> $29 + 6.72 = 7.01$	<p>Write it in words</p> <p>Six and seventy two hundredths</p>
<p>Subtract it from this</p> $12.03 - 6.72 = 5.31$	<p>Fraction it</p> $6\frac{72}{100} = \frac{6720}{1000}$
<p>Multiply it by</p> <p>10 672</p> <p>100 672.</p>	<p>Expand it</p> <p>Fractions -</p> $6 + 7/10 + 2/100$ <p>Decimals -</p> $6 + .7 + .02$
<p>Divide it by</p> <p>10 .672</p> <p>100 .0672</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Model it</p> 	<p>Round it to the nearest</p> <p>1 - 7</p> <p>.1 - 6.7</p>
<p>Percent it</p> <p>672%</p>	

THINK ABOUT IT

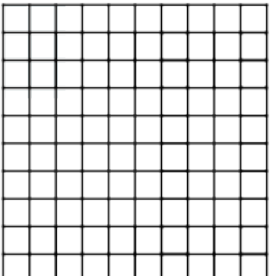

How could you divide 6.72 into fourths (.25 or 25%)?

Name: _____

Date: _____



DECIMAL OF THE DAY ²²

<p>Add it to this</p> <p>.71</p>	<p>.425</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>.6</p>	<p>Fraction it</p> $\frac{\quad}{1000} = \frac{\quad}{10,000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1</p> <p>10^2</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1</p> <p>10^2</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p>	<p>Order them (From least to greatest)</p> <p>.425 .42 .4</p>

THINK ABOUT IT


What is .5 (half, $\frac{1}{2}$, 50%) of .425?

Name: _____

Date: _____

DECIMAL OF THE DAY 22

ANSWERS

<p>Add it to this</p> $.71 + .425 = 1.135$	<p>Write it in words</p> <p>Four hundred twenty-five thousandths</p>
<p>Subtract it from this</p> $.6 - .425 = .175$	<p>Fraction it</p> $\frac{425}{1000} = \frac{4250}{10,000}$
<p>Multiply it by</p> $10^1 \quad 4.25$ $10^2 \quad 42.5$	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> $10^1 \quad .0425$ $10^2 \quad .00425$	<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - .4</p> <p>.01 - .43</p>
<p>Order them (From least to greatest)</p> <p>.4 .42 .425</p>	

THINK ABOUT IT

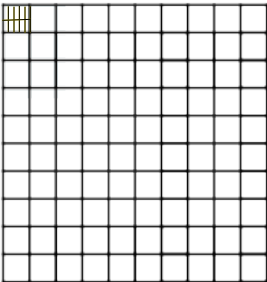

What is .5 (half, 1/2, 50%) of .425?

Name: _____

Date: _____



DECIMAL OF THE DAY ²³

<p>Add it to this</p> <p>.1</p>		<p>Write it in words</p> <p>Three thousandths</p> <p>Write the decimal over there.</p>
<p>Subtract it from this</p> <p>1</p>	<p>Fraction it</p> $\frac{\quad}{1000} = \frac{\quad}{10,000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1</p> <p>10^2</p>	<p>Model it</p> 	<p>Put it on a number line</p> <p>(Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1</p> <p>10^2</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them</p> <p>(From least to greatest)</p> <p>In order from least to greatest, write three numbers (all less than than three thousandths.</p> <p>ANSWERS WILL VARY.</p>

THINK ABOUT IT

If a dollar is a whole and a dime is a tenth, and a penny is a hundredth, what is a thousandth in money?


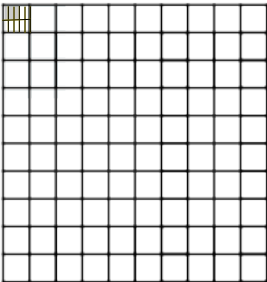

Name: _____

Date: _____



DECIMAL OF THE DAY 23

ANSWERS

<p>Add it to this</p> $.1 + .003 = .103$	<p>Write it in words</p> <p>Three thousandths</p> <p>Write the decimal over there.</p> 	<p>Write it in words</p> <p>Three thousandths</p> <p>Write the decimal over there.</p>
<p>Subtract it from this</p> $1 - .003 = .997$	<p>Fraction it</p> $\frac{3}{1000} = \frac{30}{10,000}$	<p>Expand it</p> <p>Fractions -</p> $3/1000$ <p>Decimals -</p> $.003$
<p>Multiply it by</p> $10^1 \cdot .03$ $10^2 \cdot .3$	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> $10^1 \cdot .0003$ $10^2 \cdot .00003$	<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - 0</p> <p>.01 - 0</p> <p>.001 - .003</p>	<p>Order them (From least to greatest)</p> <p>In order from least to greatest, write three numbers (all less than than three thousandths.</p>

THINK ABOUT IT

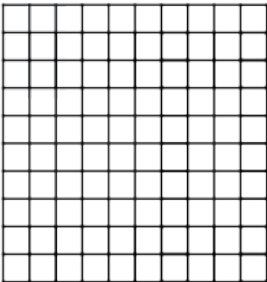

If a dollar is a whole and a dime is a tenth, and a penny is a hundredth, what is a thousandth in money?

Name: _____

Date: _____



DECIMAL OF THE DAY ²⁴

<p>Add it to this</p> <p>.329</p>	<p>.329</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>.4</p>	<p>Fraction it</p> $\frac{\quad}{1000} = \frac{\quad}{10,000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1</p> <p>10^2</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1</p> <p>10^2</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>.5 .329 .000</p>

THINK ABOUT IT

Times the number by three, so you would have three groups of .329. FYI - You already doubled it above.


Name: _____

Date: _____



DECIMAL OF THE DAY 24

ANSWERS

<p>Add it to this</p> $.329 + .329 = .658$	<p>Write it in words</p> <p>Three hundred (no AND, and is for the decimal) twenty nine thousandths</p>
<p>Subtract it from this</p> $.4 - .329 = .071$	<p>Fraction it</p> $\frac{329}{1000} = \frac{3290}{10,000}$
<p>Multiply it by</p> $10^1 \quad 3.29$ $10^2 \quad 32.9$	<p>Expand it</p> <p>Fractions -</p> $3/10 + 2/100 + 9/1000$ <p>Decimals -</p> $.3 + .02 + .009$
<p>Divide it by</p> $10^1 \quad .0329$ $10^2 \quad .00329$	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - .3</p> <p>.01 - .33</p> <p>.001 - .329</p>	<p>Order them (From least to greatest)</p> $.1000 \quad .329 \quad .5$

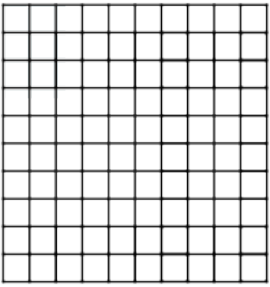

THINK ABOUT IT

Times the number by three, so you would have three groups of .329. FYI - You already doubled it above.

Name: _____

Date: _____

DECIMAL OF THE DAY ²⁵

<p>Add it to this</p> <p>1.2</p>	<p>.830</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>1.2</p>	<p>Fraction it</p> $\frac{\quad}{1000} = \frac{\quad}{10,000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1</p> <p>10^2</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1</p> <p>10^2</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p>	<p>Order them (From least to greatest)</p> <p>.831 .8301 .830</p>

THINK ABOUT IT


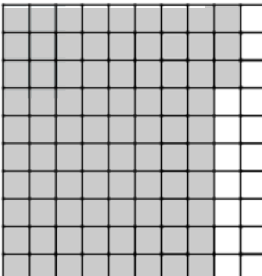
Is .83 the same as .830? Why or why not?

Name: _____

Date: _____

DECIMAL OF THE DAY 25

ANSWERS

<p>Add it to this</p> $1.2 + .83 = 2.03$	<p>Write it in words</p> <p>Eighty three hundredths What no thousandths? Why?</p> $.830$	<p>Subtract it from this</p> $1.2 - .83 = .37$
<p>Fraction it</p> $\frac{83}{100} = \frac{830}{1000}$	<p>Expand it</p> <p>Fractions - $8/10 + 3/100$</p> <p>Decimals - $.8 + .03$</p>	<p>Multiply it by</p> $10^1 \quad 8.3$ $10^2 \quad 83.$
<p>Divide it by</p> $10^1 \quad .083$ $10^2 \quad .0083$	<p>Round it to the nearest</p> <p>1 - 1 .1 - .8 .01 - .83 .001 - .83</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Order them (From least to greatest)</p> $.83 \quad .830 \quad .830$ $.83 \quad .830 \quad .83$	<p>Model it</p> 	

THINK ABOUT IT

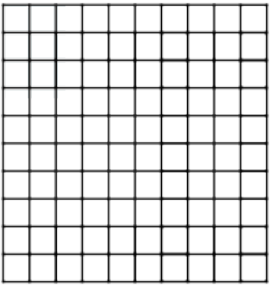

Is .83 the same as .830? Why or why not?
Show me.

Name: _____

Date: _____



DECIMAL OF THE DAY ²⁶

<p>Add it to this</p> <p>.009</p>	<p>.054</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>.1</p>	<p>Fraction it</p> $\frac{\quad}{1000} = \frac{\quad}{10,000}$	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1</p> <p>10^2</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1</p> <p>10^2</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>.5 .54 .400</p>

THINK ABOUT IT

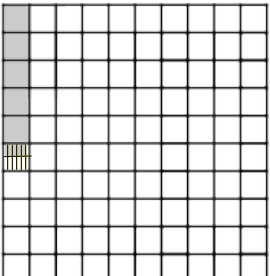

What are three multiples of .054?

Name: _____

Date: _____

DECIMAL OF THE DAY 26

ANSWERS

<p>Add it to this</p> $.009 + .054 = .063$	<p>Write it in words</p> <p>Fifty four thousandths</p> $.054$	<p>Write it in words</p> <p>Fifty four thousandths</p>
<p>Subtract it from this</p> $.1 - .054 = .046$	<p>Fraction it</p> $\frac{54}{1000} = \frac{540}{10,000}$	<p>Expand it</p> <p>Fractions -</p> $5/100 + 4/1000$ <p>Decimals -</p> $.05 + .004$
<p>Multiply it by</p> <p>10^1 .54</p> <p>10^2 5.4</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> <p>10^1 .0054</p> <p>10^2 .00054</p>	<p>Round it to the nearest</p> <p>1 - 0</p> <p>.1 - .1</p> <p>.01 - .05</p> <p>.001 - .054</p>	<p>Order them (From least to greatest)</p> <p>.5 .54 .400</p> <p>.400 .5 .54</p>

THINK ABOUT IT

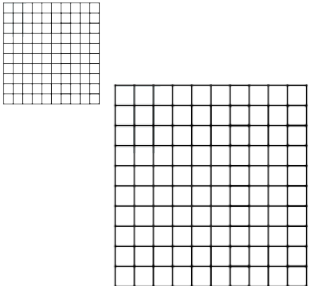

What are three multiples of .054?

Name: _____

Date: _____



DECIMAL OF THE DAY 27

<p>Add it to this</p> <p>1.5</p>	<p>1.986</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>3</p>	<p>Fraction it</p> <p>----- = -----</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1 -</p> <p>10^2 -</p> <p>10^3 -</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1 -</p> <p>10^2 -</p> <p>10^3 -</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>1.986 2 .50000</p>

THINK ABOUT IT

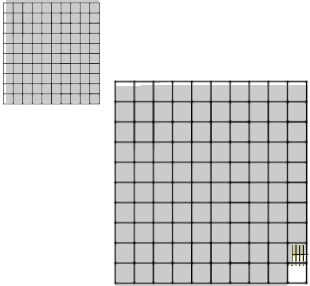

Estimate $1.986 \times .5$. Think about $.5/1/2/50\%$.
 \times /of/times 1.986. Or half of 1.986. 1.986 is close to 2.

Name: _____

Date: _____

DECIMAL OF THE DAY 27

ANSWERS

<p>Add it to this</p> $1.5 + 1.986 = 3.486$	<p>Write it in words</p> <p>One AND nine hundred eight six thousandths</p> 1.986	<p>Write it in words</p> <p>One AND nine hundred eight six thousandths</p>
<p>Subtract it from this</p> $3 - 1.986 = 1.014$	<p>Fraction it</p> $\frac{1986}{1000} = \frac{19860}{10,000}$	<p>Expand it</p> <p>Fractions -</p> $1 + 9/10 + 8/100 + 6/1000$ <p>Decimals -</p> $1 + .9 + .08 + .006$
<p>Multiply it by</p> $10^1 - 19.86$ $10^2 - 198.6$ $10^3 - 1986$	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary, but here is a possibility.</p>
<p>Divide it by</p> $10^1 - .1986$ $10^2 - .01986$ $10^3 - .001986$	<p>Round it to the nearest</p> $1 - 2$ $.1 - 2$ $.01 - 1.99$ $.001 - 1.986$	<p>Order them (From least to greatest)</p> $1.986 \quad 2 \quad .50000$ $.5 \quad 1.986 \quad 2$

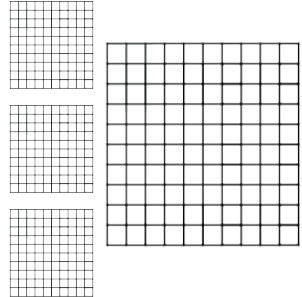

THINK ABOUT IT

Estimate $1.986 \times .5$. Think about $.5/1/2/50\%$. \times /of/times 1.986. Or half of 1.986. 1.986 is close to 2.

Name: _____

Date: _____

DECIMAL OF THE DAY ^{2/8}

<p>Add it to this</p> <p>7.4</p>	<p>3.609</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>10</p>	<p>Fraction it</p> <p>----- = -----</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>10^1 -</p> <p>10^2 -</p> <p>10^3 -</p>	<p>Model it</p> 	<p>Put it on a number line (Figure out the benchmark labels.)</p> 
<p>Divide it by</p> <p>10^1 -</p> <p>10^2 -</p> <p>10^3 -</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>3.7 4 3.609</p>

THINK ABOUT IT


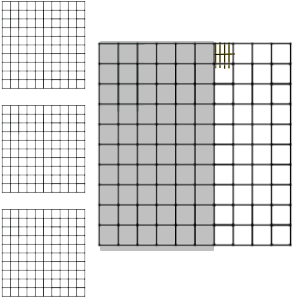
Estimate $.4 \times 3.609$. $.4$ is close to $.5$ and 3.609 is close to 3.5 .

Name: _____

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DECIMAL OF THE DAY 28

ANSWERS

<p>Add it to this</p> $7.4 + 3.609 = 11.009$	<p>Write it in words</p> <p>Three and six hundred nine thousandths</p>
<p>Subtract it from this</p> $10 - 3.609 = 6.391$	<p>Fraction it</p> $3 \frac{609}{1000} = 3 \frac{6090}{10,000}$
<p>Multiply it by</p> $10^1 - 36.09$ $10^2 - 360.9$ $10^3 - 3609.$	<p>Expand it</p> <p>Fractions -</p> $3 + \frac{6}{10} + \frac{9}{1000}$ <p>Decimals -</p> $3 + .6 + .009$
<p>Divide it by</p> $10^1 - .3609$ $10^2 - .03609$ $10^3 - .003609$	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary</p>
<p>Model it</p> 	<p>Round it to the nearest</p> <p>1 - 4</p> <p>.1 - 3.6</p> <p>.01 - 3.61</p> <p>.001 - 3.609</p>
<p>Order them (From least to greatest)</p> $3.7 \quad 4 \quad 3.609$ $.3609 \quad 3.7 \quad 4$	


THINK ABOUT IT

Estimate $.4 \times 3609$. $.4$ is close to $.5$ and 3609 is close to 35 .

Name: _____

Date: _____

DECIMAL OF THE DAY ²⁹

<p>Add it to this</p> <p>.3296</p>	<p>.3296</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>5</p>	<p>Fraction it</p> <p>-----</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>$10^1 -$</p> <p>$10^2 -$</p> <p>$10^3 -$</p>	<p>Model it</p> <p><i>Good luck!</i></p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Just give it a try!</p>
<p>Divide it by</p> <p>$10^1 -$</p> <p>$10^2 -$</p> <p>$10^3 -$</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>.3296 .4010 4.10</p>

THINK ABOUT IT


Estimate .25 of .3296 (.25 x .3296).
Remember .25 is the same as $\frac{1}{4}$.

Name: _____

Date: _____

DECIMAL OF THE DAY 29

ANSWERS

<p>Add it to this</p> $.3296 + .3296 = .6592$	<p>Write it in words</p> <p>Three thousand two hundred ninety six ten thousandths</p>
<p>Subtract it from this</p> $5 - .3296 = 4.6704$	<p>Fraction it</p> $\frac{3296}{10,000}$
<p>Multiply it by</p> $10^1 - 3.296$ $10^2 - 32.96$ $10^3 - 329.6$	<p>Expand it</p> <p>Fractions -</p> $3/10 + 2/100 + 9/1,000 + 6/10,000$ <p>Decimals -</p> $.3 + .02 + .009 + .0006$
<p>Divide it by</p> $10^1 - .03296$ $10^2 - .003296$ $10^3 - .0003296$	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary.</p>
<p>Model it</p>	<p>Round it to the nearest</p> $1 - 0$ $.1 - .3$ $.01 - .33$ $.001 - .33$
<p>Order them (From least to greatest)</p> $.3296 \quad .4010 \quad 4.10$ $.3296 \quad .401 \quad 4.1$	


THINK ABOUT IT

Estimate .25 of .3296 (.25 x .3296).
Remember .25 is the same as 1/4.

Name: _____

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DECIMAL OF THE DAY 30

<p>Add it to this</p> <p>.5</p>	<p>.5805</p>	<p>Write it in words</p>
<p>Subtract it from this</p> <p>1</p>	<p>Fraction it</p> <p>-----</p>	<p>Expand it</p> <p>Fractions -</p> <p>Decimals -</p>
<p>Multiply it by</p> <p>$10^1 -$</p> <p>$10^2 -$</p> <p>$10^3 -$</p>	<p>Model it</p> <p><i>Good luck!</i></p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Just give it a try!</p>
<p>Divide it by</p> <p>$10^1 -$</p> <p>$10^2 -$</p> <p>$10^3 -$</p>	<p>Round it to the nearest</p> <p>1 -</p> <p>.1 -</p> <p>.01 -</p> <p>.001 -</p>	<p>Order them (From least to greatest)</p> <p>.5805 .59 .5</p>

THINK ABOUT IT

What are four multiples of .5805? Could you figure out some factors too?


Name: _____

Date: _____



DECIMAL OF THE DAY 30

ANSWERS

<p>Add it to this</p> $.5 + .5805 = 1.0805$	<p>Write it in words</p> <p>Five thousand eight hundred five ten thousandths</p> $.5805$	<p>Write it in words</p> <p>Five thousand eight hundred five ten thousandths</p>
<p>Subtract it from this</p> $1 - .5805 = .4195$	<p>Fraction it</p> $\frac{5805}{10,000}$	<p>Expand it</p> <p>Fractions -</p> $5/10 + 8/100 + 5/1000$ <p>Decimals -</p> $.5 + .08 + .0005$
<p>Multiply it by</p> $10^1 - 5.805$ $10^2 - 58.05$ $10^3 - 580.5$	<p>Model it</p> <p>Sorry!</p>	<p>Put it on a number line (Figure out the benchmark labels.)</p>  <p>Answers will vary</p>
<p>Divide it by</p> $10^1 - .05805$ $10^2 - .005805$ $10^3 - .0005805$	<p>Round it to the nearest</p> $1 - 1$ $.1 - .6$ $.01 - .58$ $.001 - .581$	<p>Order them (From least to greatest)</p> $.5805 \ .59 \ .5$ $.5 \ .5805 \ .59$

THINK ABOUT IT

What are four multiples of .5805? Could you figure out some factors too?

Name: _____

Date: _____



DECIMAL OF THE DAY

NAME	17	18	19	20	21	22	23	24	25	26	27	28	29	30		

