

Decimal
of the
Day

common core
Aligned
5th grade

Common Core Alignment

5.NBT.2. Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.

5.NBT.3. Read, write, and compare decimals to thousandths.

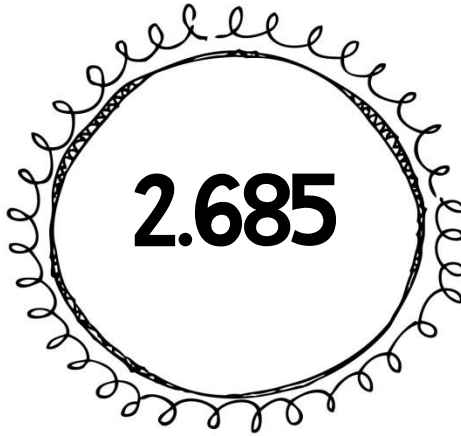
Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.

5.NBT.4. Use place value understanding to round decimals to any place.

5.NBT.7. Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 3.75 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 0.85 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place: $\underline{\quad\quad\quad\quad\quad}$

Hundredths Place: $\underline{\quad\quad\quad\quad\quad}$

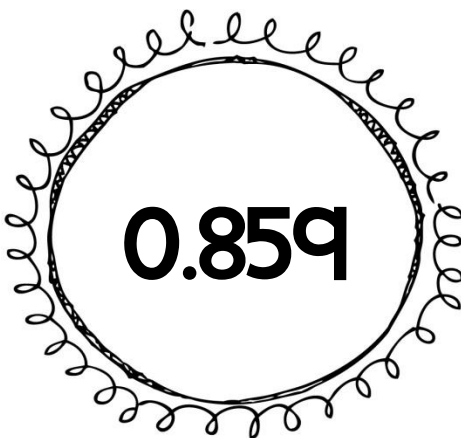
Ones Place: $\underline{\quad\quad\quad\quad\quad}$

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + 1.63 =$$

Subtract It!

$$\text{-----} - 0.3 =$$

Multiply It!

$$\text{---} \times 10^1 = \text{-----}$$

$$\text{---} \times 10^2 = \text{-----}$$

$$\text{---} \times 10^3 = \text{-----}$$

$$\text{---} \times 10^4 = \text{-----}$$

Divide It!

$$\text{---} \div 10^1 = \text{-----}$$

$$\text{---} \div 10^2 = \text{-----}$$

$$\text{---} \div 10^3 = \text{-----}$$

$$\text{---} \div 10^4 = \text{-----}$$

Round It!

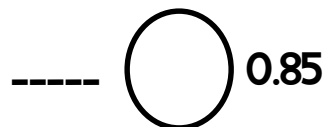
Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

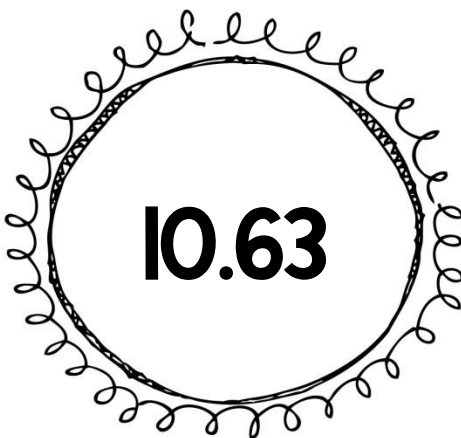
Ones Place: -----

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + .59 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 9.9 =$$

Multiply It!

$$\underline{\quad} \times 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^4 = \underline{\quad\quad\quad}$$

Divide It!

$$\underline{\quad} \div 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^4 = \underline{\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place:

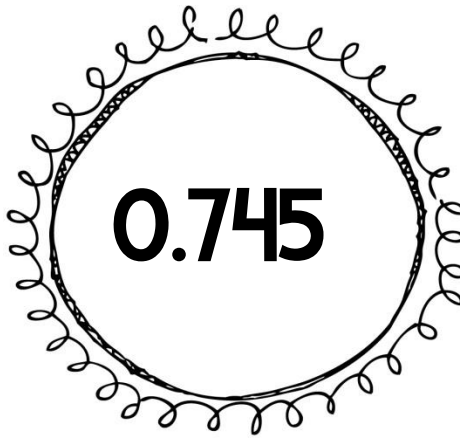
Ones Place:

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 3.6 =$$

Subtract It!

$$\underline{\quad\quad\quad} - .07 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place:

Hundredths Place:

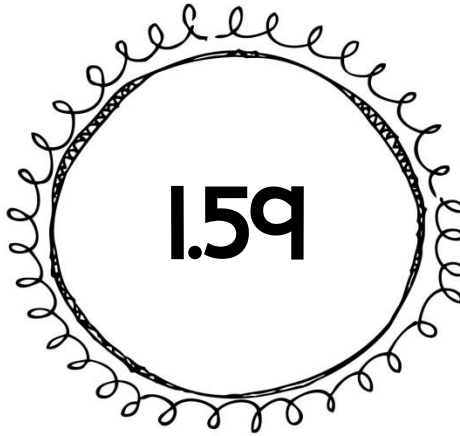
Ones Place:

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + 6.9 =$$

Subtract It!

$$\text{-----} - .73 =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

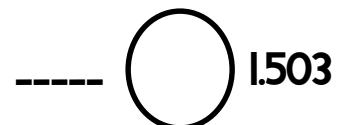
Round It!

Round it to the nearest:

Tenths Place: -----

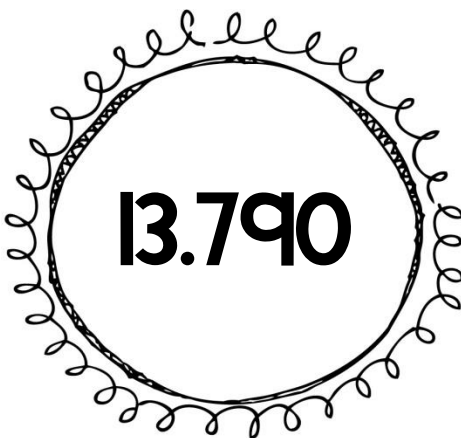
Ones Place: -----

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + .321 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 9.64 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

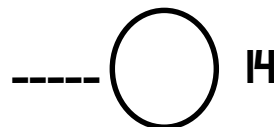
Round it to the nearest:

Tenths Place:

Hundredths Place:

Ones Place:

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 7.9 =$$

Subtract It!

$$\underline{\quad\quad\quad} - .006 =$$

Multiply It!

$$\underline{\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place:

Hundredths Place:

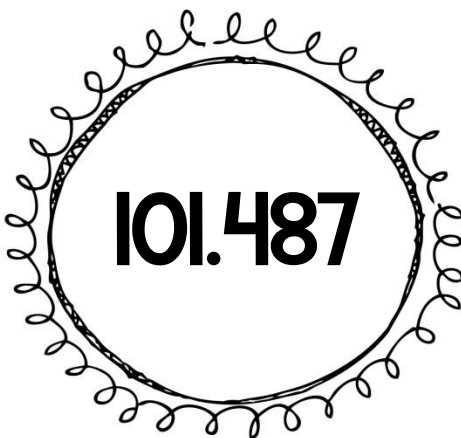
Ones Place:

Compare It!

0.13 ○

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + 9.99 =$$

Subtract It!

$$\text{-----} - 86.54 =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

Round It!

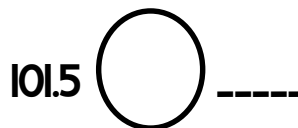
Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

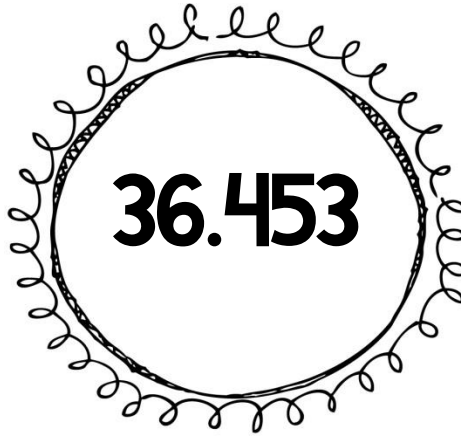
Ones Place: -----

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 5.7 =$$

Subtract It!

$$\underline{\quad\quad\quad} - .004 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

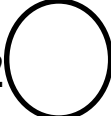
Round it to the nearest:

Tenths Place:

Hundredths Place:

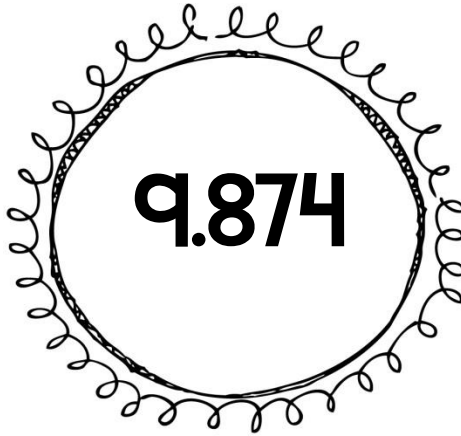
Ones Place:

Compare It!

36.4532 

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 13.2 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 3.95 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place:

Hundredths Place:

Ones Place:

Compare It!

9.9 ○

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + 42.1 =$$

Subtract It!

$$\text{-----} - 9.31 =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

Round It!

Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

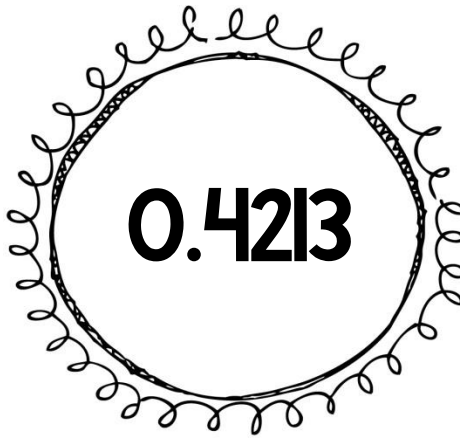
Ones Place: -----

Compare It!

$$16.1990 \bigcirc \text{-----}$$

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + .864 =$$

Subtract It!

$$\text{-----} - .004 =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

Round It!

Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

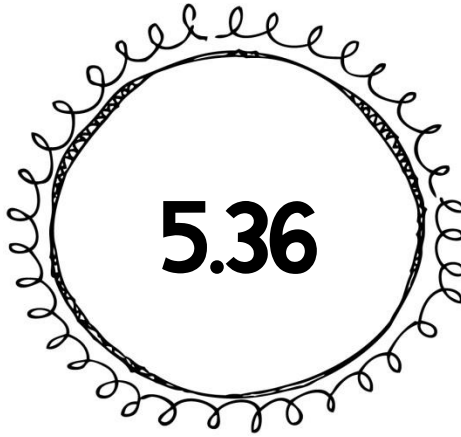
Ones Place: -----

Compare It!

0.422 ○ -----

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + .75 =$$

Subtract It!

$$\text{-----} - 1.99 =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

Round It!

Round it to the nearest:

Tenths Place: -----

Ones Place: -----

Compare It!

5.4 ○ -----

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 9.03 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 3.34 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

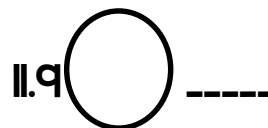
Round It!

Round it to the nearest:

Tenths Place:

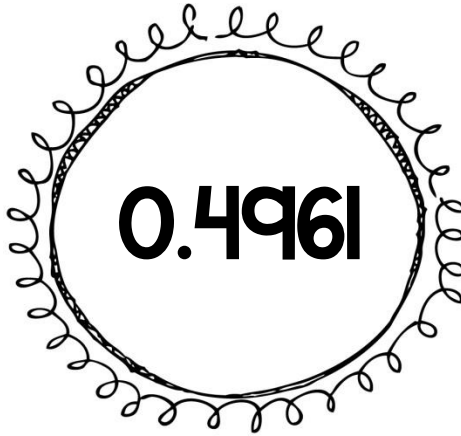
Ones Place:

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + .5642 =$$

Subtract It!

$$\underline{\quad\quad\quad} - .1152 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

Round it to the nearest:

Tenths Place: _____

Hundredths Place: _____

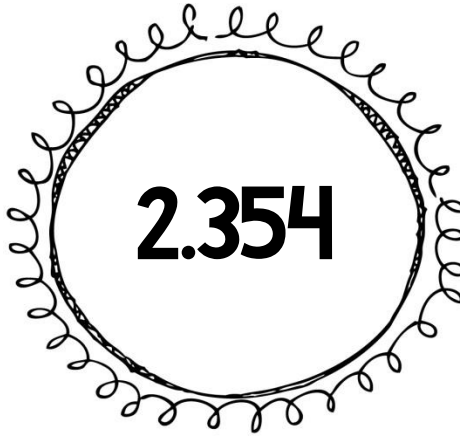
Ones Place: _____

Compare It!

$$0.497 \bigcirc \underline{\quad\quad}$$

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 8.756 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 0.786 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

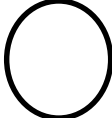
Round it to the nearest:

Tenths Place: $\underline{\quad\quad\quad\quad\quad}$

Thousandths Place: $\underline{\quad\quad\quad}$

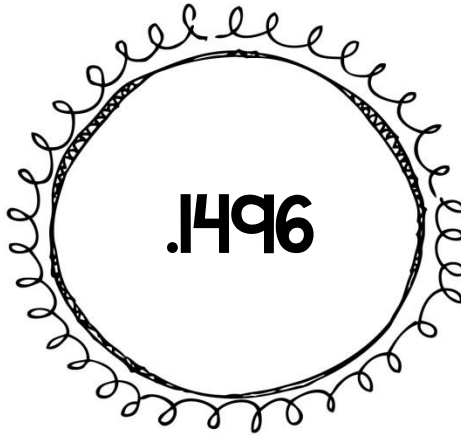
Ones Place: $\underline{\quad\quad\quad\quad\quad}$

Compare It!

2.35  $\underline{\quad\quad}$

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 0.7 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 0.03 =$$

Multiply It!

$$\underline{\quad\quad} \times 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \times 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Divide It!

$$\underline{\quad\quad} \div 10^1 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^2 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^3 = \underline{\quad\quad\quad\quad\quad}$$

$$\underline{\quad\quad} \div 10^4 = \underline{\quad\quad\quad\quad\quad}$$

Round It!

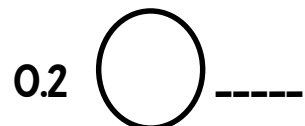
Round it to the nearest:

Tenths Place:

Hundredths Place:

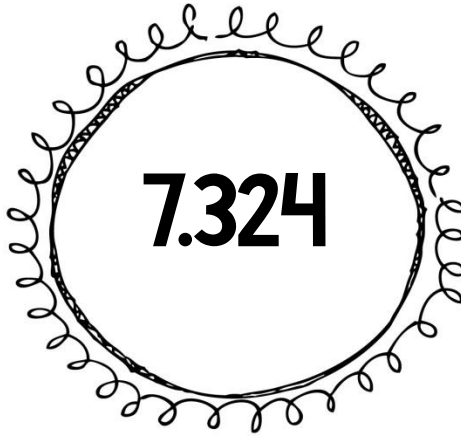
Ones Place:

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + .0999 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 0.9 =$$

Multiply It!

$$\underline{\quad} \times 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^4 = \underline{\quad\quad\quad}$$

Divide It!

$$\underline{\quad} \div 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^4 = \underline{\quad\quad\quad}$$

Round It!

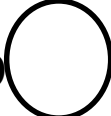
Round it to the nearest:

Tenths Place: _____

Hundredths Place: _____

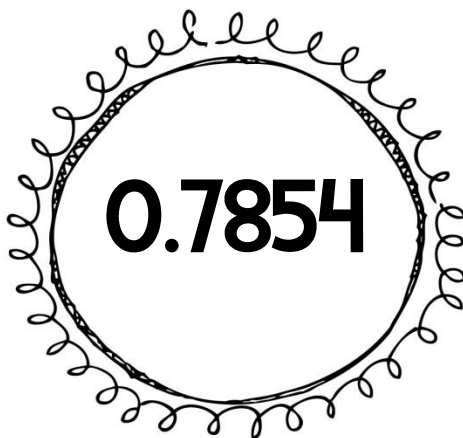
Ones Place: _____

Compare It!

7.3200  _____

Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\underline{\quad\quad\quad} + 1.231 =$$

Subtract It!

$$\underline{\quad\quad\quad} - 0.009 =$$

Multiply It!

$$\underline{\quad} \times 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \times 10^4 = \underline{\quad\quad\quad}$$

Divide It!

$$\underline{\quad} \div 10^1 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^2 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^3 = \underline{\quad\quad\quad}$$

$$\underline{\quad} \div 10^4 = \underline{\quad\quad\quad}$$

Round It!

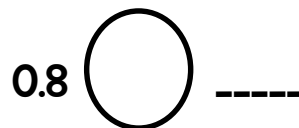
Round it to the nearest:

Tenths Place: _____

Hundredths Place: _____

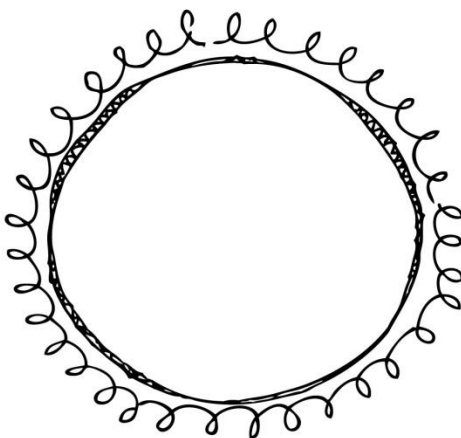
Ones Place: _____

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + \text{-----} =$$

Subtract It!

$$\text{-----} - \text{-----} =$$

Multiply It!

$$\text{---} \times 10 = \text{-----}$$

$$\text{---} \times 100 = \text{-----}$$

$$\text{---} \times 1,000 = \text{-----}$$

$$\text{---} \times 10,000 = \text{-----}$$

Divide It!

$$\text{---} \div 10 = \text{-----}$$

$$\text{---} \div 100 = \text{-----}$$

$$\text{---} \div 1,000 = \text{-----}$$

$$\text{---} \div 10,000 = \text{-----}$$

Round It!

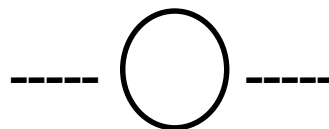
Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

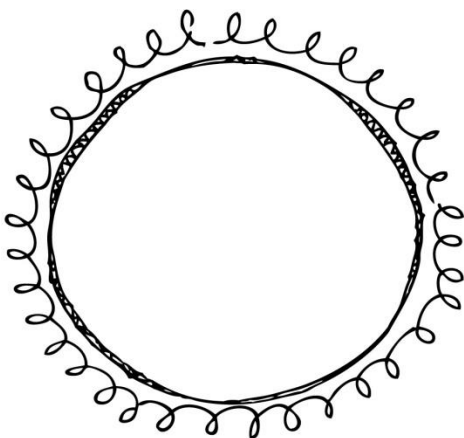
Ones Place: -----

Compare It!



Decimal of the Day

Write It!
Word Form:



Write It!
Expanded Form:

Add It!

$$\text{-----} + \text{-----} =$$

Subtract It!

$$\text{-----} - \text{-----} =$$

Multiply It!

$$\text{--} \times 10^1 = \text{-----}$$

$$\text{--} \times 10^2 = \text{-----}$$

$$\text{--} \times 10^3 = \text{-----}$$

$$\text{--} \times 10^4 = \text{-----}$$

Divide It!

$$\text{--} \div 10^1 = \text{-----}$$

$$\text{--} \div 10^2 = \text{-----}$$

$$\text{--} \div 10^3 = \text{-----}$$

$$\text{--} \div 10^4 = \text{-----}$$

Round It!

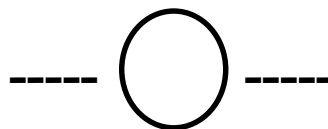
Round it to the nearest:

Tenths Place: -----

Hundredths Place: -----

Ones Place: -----

Compare It!



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