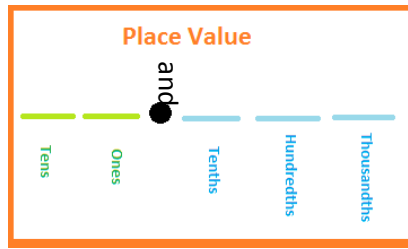


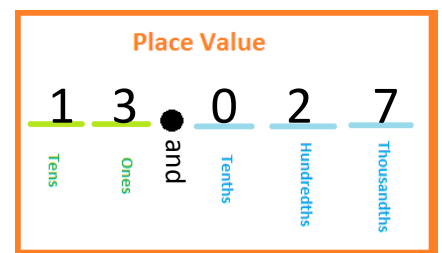
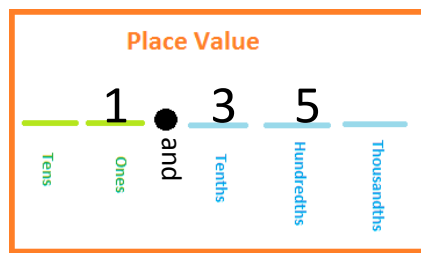
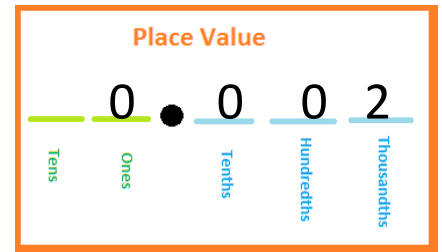
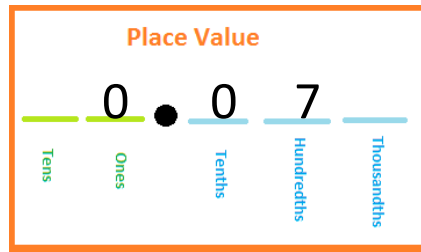
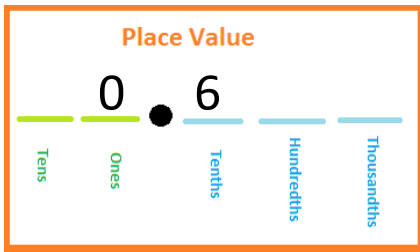
Reading Decimal Numbers



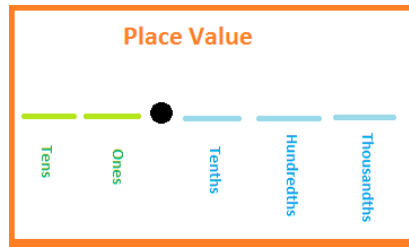
Read the number.

Say the place value that the last digit lands in.

Examples: Write the decimal numbers in word form.



Rounding Decimals



Find and underline the place value that you need to round to.

Look at the number to the right.

“5 or above, give it a shove” (if a 9 is being shoved, make it a 0 and keep bumping to the left)

“4 or below, let it go”



Examples:

Round to the nearest tenth

6.36

Round to the nearest hundredth

0.253

Round to the nearest whole

12.89

Round to the nearest tenth

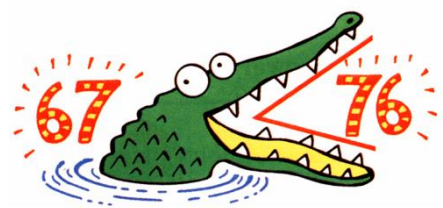
4.97

Comparing Decimals

Add zeros so that each number has the same amount of place values.

Compare the two numbers starting from the left.

Make the alligator (< >) eat the larger number.



Examples:

0.45

0.56

2.12

2.8

34.7

32.15

0.2

0.0345

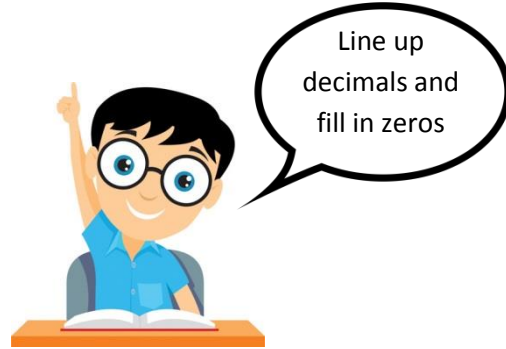


Adding and Subtracting Decimals

Add zeros so that each number has the same amount of place values.

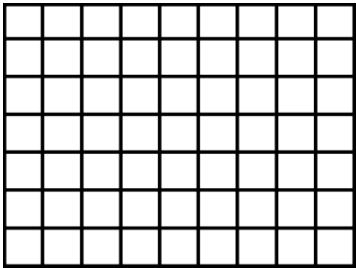
Line up the decimals

Add or Subtract

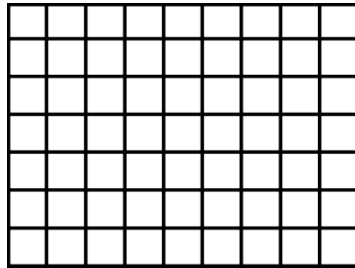


Examples:

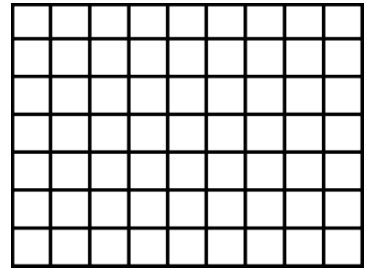
$$2.45 + 4.87 =$$



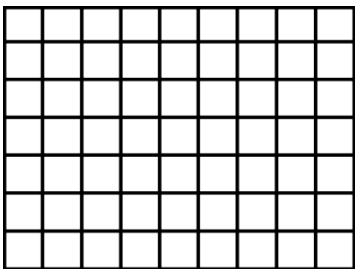
$$0.9 + 0.34 =$$



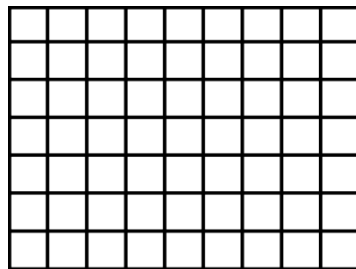
$$24.005 + 0.3 =$$



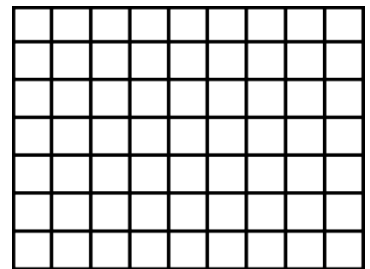
$$7.87 - 4.23 =$$



$$2.9 - 1.34 =$$



$$24.67 - 8.9 =$$



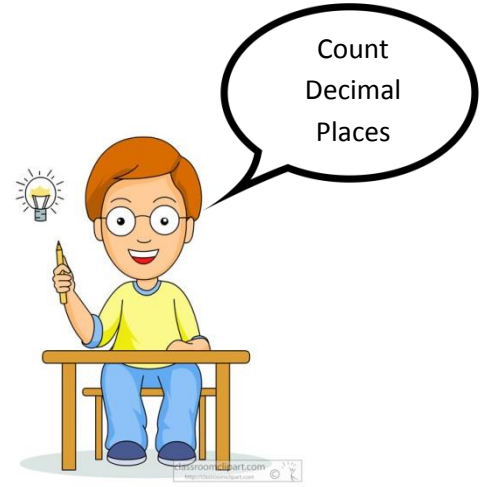
Multiplying Decimals

Do not line up decimals or fill in zeros.

Estimate the product (answer) by rounding and multiplying

Multiply

Count decimal places to place decimal in the correct place



Examples:

$$4.6 \times 9 =$$

$$8.6 \times 0.4 =$$

$$2.34 \times 0.07 =$$

Dividing Decimals

Make sure the divisor (number outside) does not have a decimal

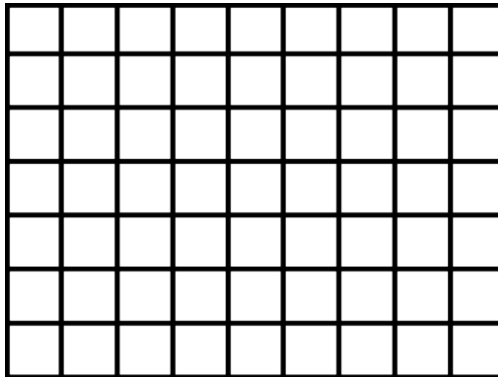
If it does, move decimal inside and outside the same number of spaces

Raise decimal above the dividend (number inside) to the quotient (answer above)

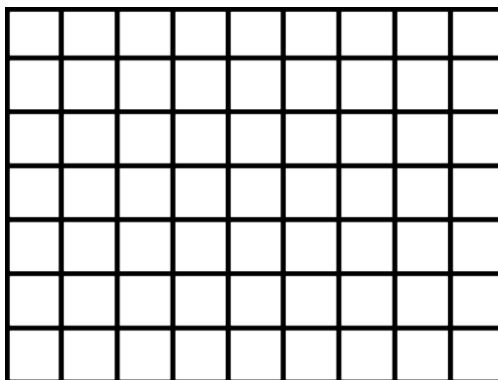
Keep everything lined up and divide

Examples:

$$5 \overline{) 8.35}$$



$$0.2 \overline{) 6.48}$$



$$4.5 \div 9 =$$

