ESTIMATION

Estimation is an **approximate calculation**. Some uses of rounding are:

- Checking to see if you have enough money to buy what you want.
- Getting a rough idea of the correct answer to a problem

How to Estimate:

A quick way to estimate the sum of two numbers is to round each number and then add the rounded numbers. This probably won't be the exact answer but it may be close enough for some purposes.

How to estimate a sum by rounding:

- Round each term that will be added

- Add the rounded numbers

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PREVIEW

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How to improve the estimate:

Round each term that will be added
Add the rounded numbers
If both are rounded down or both rounded up see if the amount of rounding is more than 50. If it is, add or subtract 100 to the estimate.
If one number is rounded down and the other is rounded up a closer estimate will not be produced by this method.

Example: Estimate the sum of the following group of numbers:

125, 333, 216

round each term: 100, 300, 200

add the numbers: 100 + 300 + 200 = 600

Try This!

Estimate the sum of the following group of numbers: **459, 780, 551**

Estimate the sum of the following group of numbers: **$3.29, $1.11, $7.32**