ESTIMATION

Estimation is the process of **rounding a number either up or down to the nearest place value** requested. Estimation makes it easier to perform mathematical operations quickly.

How to use estimation:

- The rule for estimating numbers is **based on what place value the number is to be rounded.** Once it is determined what place value a number is to be rounded, look at the number to the right of the place value. If this number is 5 or higher, **round up**. If this number is 4 or below, **round down**.

Try

1. Estimate 464 to the nearest hundred.

2. Estimate 18% of 200.

3. Estimate the cost of two items that cost $1.83 each.

4. Estimate the area of a rectangle with a length of 54 and a width of 23.

5. Estimate how many pencils 22 children would get if there were 239 pencils in all.