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**.

Example:

Round **352** to the nearest hundred → 3_5_2
Check r   the right of hundreds place.   up →400

- If yo   ound to
  the r   dred if a
  three   t is usually
  roun

PREVIEW

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- Estin   ission,
  and also with finding the area, perimeter and circumference.

Try this!

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.