

Estimating Sums & Differences

3 Digit to 6 Digit Numbers

Estimate

Solve the problems below on scratch paper and type your answers in the boxes.

- 1 Round each number to the **nearest thousand** before solving.

$$\begin{array}{r} 8,356 \\ - 4,277 \\ \hline \end{array}$$

$$\begin{array}{r} 3,981 \\ + 5,302 \\ \hline \end{array}$$

- 2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the

these numbers.

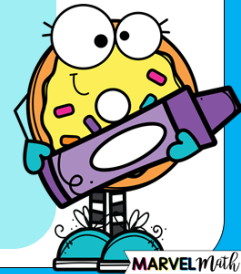


sum
of

difference
between

I estimated the

these numbers.



Interactive Google Slides

4th GRADE

Video Instructions

Inside the Google Slides Activity

Estimate Solve the problems below on scratch paper and type your answers in the boxes.

1 Round each number to the **nearest ten thousand** before solving.

$$\begin{array}{r} 62,789 \\ - 38,950 \\ \hline \end{array}$$
$$\begin{array}{r} 60,000 \\ - 40,000 \\ \hline 20,000 \end{array}$$

$$\begin{array}{r} 85,040 \\ + 93,201 \\ \hline \end{array}$$
$$\begin{array}{r} 90,000 \\ + 90,000 \\ \hline 180,000 \end{array}$$

2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the **difference between** these numbers.

sum of

I estimated the these numbers.



Students use
Moveable Pieces to
model the
problems.

Estimate

Solve the problems below on scratch paper and type your answers in the boxes.

- 1 Round each number to the **nearest hundred** before solving.

$$\begin{array}{r} 8,543 \\ - 768 \\ \hline \end{array}$$

$$\begin{array}{r} 3,420 \\ + 676 \\ \hline \end{array}$$

- 2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the

these numbers.



I estimated the

these numbers.



MARVELMath

Estimate

Solve the problems below on scratch paper and type your answers in the boxes.

- 1 Round each number to the **nearest thousand** before solving.

$$\begin{array}{r} 8,356 \\ - 4,277 \\ \hline \end{array}$$

$$\begin{array}{r} 3,981 \\ + 5,302 \\ \hline \end{array}$$

- 2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the

these numbers.



sum
of

difference
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MARVELMath

**Embedded
Vocabulary**
for the
practice
students
need

Students practice rounding to the nearest hundred, thousands, ten thousands, and hundred thousands.

Estimate

Solve the problems below on scratch paper and type your answers in the boxes.

- 1 Round each number to the **nearest hundred** before solving.

$$\begin{array}{r} 8,543 \\ - 768 \\ \hline \end{array} \Rightarrow \begin{array}{r} 8,500 \\ - 800 \\ \hline 7,700 \end{array}$$

$$\begin{array}{r} 3,420 \\ + 676 \\ \hline \end{array} \Rightarrow \begin{array}{r} 3,400 \\ + 700 \\ \hline 4,100 \end{array}$$

- 2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the
difference between
these numbers.



I estimated the
sum of
these numbers.



No Prep

Easy to Assign

Easy to Use

Estimate

Solve the problems below on scratch paper and type your answers in the boxes.

- 1 Round each number to the **nearest hundred thousand** before solving.

$$\begin{array}{r} 507,245 \\ + 179,287 \\ \hline \end{array} \Rightarrow \begin{array}{r} 500,000 \\ + 200,000 \\ \hline 700,000 \end{array}$$

$$\begin{array}{r} 943,900 \\ - 790,030 \\ \hline \end{array} \Rightarrow \begin{array}{r} 900,000 \\ - 800,000 \\ \hline 100,000 \end{array}$$

- 2 **Vocabulary Practice:** Complete each statement about the problems above.

I estimated the

these numbers.

sum
of

difference
between

I estimated the

these numbers.



Ways to Use This Resource:

-  **Math Station** – Students can watch the video instructions and complete the activity independently
-  **Whole Class Teaching** – Use the interactive slides to teach this concept during your lesson
-  **Tutoring** – Use the slides for a focused lesson that doesn't need any prep

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

