

Estimating Sums and Differences

Higher Order Thinking Activity

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

1 Find the **actual difference**.

$$\begin{array}{r} 915 \\ - 889 \\ \hline \end{array}$$

2 Round each number to the **nearest ten** and then subtract.

$$\begin{array}{r} 920 \\ - 890 \\ \hline \end{array}$$

3 Round each number to the **nearest hundred** and then subtract.

$$\begin{array}{r} 900 \\ - 900 \\ \hline \end{array}$$

4 Move the check mark the estimate that is closest to the actual difference.

Closest Estimate

MARVEL Math



Interactive Google Slides

3rd-4th
GRADES

Estimate Sums

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

- 1 Find the **actual sum**.

$$\begin{array}{r} 506 \\ + 295 \\ \hline 801 \end{array}$$



- 2 Round each number to the **nearest ten** and then add.

$$\begin{array}{r} 510 \\ + 300 \\ \hline 810 \end{array}$$

- 3 Round each number to the **nearest hundred** and then add.

$$\begin{array}{r} 500 \\ + 300 \\ \hline 800 \end{array}$$



Closest Estimate



- 4 Move the check mark to the estimate that is closest to the actual sum.



Fun & Engaging Practice Students Enjoy!

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Students analyze whether rounding to the nearest ten or hundred gives a closer estimate.

Estimate Differences

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

- 1 Find the **actual difference**.

$$\begin{array}{r} 623 \\ - 465 \\ \hline 158 \end{array}$$



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Move the check mark to the estimate that is closest to the actual difference.

- 2 Round each number to the **nearest ten** and then subtract.

$$\begin{array}{r} 620 \\ - 470 \\ \hline 150 \end{array}$$



Closest Estimate

- 3 Round each number to the **nearest hundred** and then subtract.

$$\begin{array}{r} 600 \\ - 500 \\ \hline 100 \end{array}$$



Video Instructions

Inside the Google Slides Activity

Estimate Differences

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

- 1 Find the **actual difference**.

$$\begin{array}{r} 915 \\ - 889 \\ \hline 26 \end{array}$$



Closest Estimate

- 2 Round each number to the **nearest ten** and then subtract.

$$\begin{array}{r} 920 \\ - 890 \\ \hline 30 \end{array}$$

- 3 Round each number to the **nearest hundred** and then subtract.

$$\begin{array}{r} \\ - \\ \hline \end{array}$$



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- 4 Move the check mark the estimate that is closest to the actual difference.

No Prep

Easy to Assign

Easy to Use

Example

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

- 1 Find the **actual sum**.

$$\begin{array}{r} 346 \\ + 231 \\ \hline 577 \end{array}$$



- 2 Round each number to the **nearest ten** and then add.

$$\begin{array}{r} 350 \\ + 230 \\ \hline 580 \end{array}$$



Closest Estimate

- 3 Round each number to the **nearest hundred** and then add.

$$\begin{array}{r} 300 \\ + 200 \\ \hline 500 \end{array}$$



- 4 Move the check mark to the estimate that is closest to the actual sum.



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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.

