

Estimating Sums and Differences

Finding the Closest Estimate

Making Matches

1 Read the word problem.

Jonathan had \$3,803 in his bank account. He withdrew \$189. What is a good estimate of the balance of Jonathan's account now?

2 Find the set that uses appropriate numbers to find the closest estimate. Drag that set of numbers to the empty box.

3 Find the estimate and solve the actual problem. Do you work on scratch paper.

Actual

$$\begin{array}{r} 3,803 \\ - 189 \\ \hline 3,614 \end{array}$$

Closest Estimate

$$\begin{array}{r} 3,800 \\ - 200 \\ \hline 3,600 \end{array}$$



4,000
- 200

3,700
- 200

MARVEL Math

Interactive Google Slides

4th
GRADE

Students practice estimation using real world financial literacy problems.

Making Matches

1 Read the word problem.

Isaiah had \$30,546 in his bank account. He withdrew \$13,499. What is a good estimate of the balance of Jonathan's account now?

2

Find the set that uses appropriate numbers to find the closest estimate. Drag that set of numbers to the empty box.

3 Find the estimate and solve the actual problem. Do you work on scratch paper.

Actual		Closest Estimate
\$30,546	→	\$30,500
- 13,499	→	- 13,500



$$\begin{array}{r} \$30,000 \\ - 10,000 \\ \hline \end{array}$$

$$\begin{array}{r} \$31,000 \\ - 13,000 \\ \hline \end{array}$$

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Making Matches

1 Read the word problem.

Ellie had \$5,972 in her bank account. She deposited \$497 into her account. What is a good estimate of the balance of her account now?

2

Find the set that uses appropriate numbers to find the closest estimate. Drag that set of numbers to the empty box.

3 Find the estimate and solve the actual problem. Do you work on scratch paper.

Actual		Closest Estimate
$\begin{array}{r} \$5,972 \\ + 497 \\ \hline \end{array}$	$\rightarrow$	



$$\begin{array}{r} \$6,000 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} \$5,900 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} \$5,970 \\ + 490 \\ \hline \end{array}$$

MARVELMath

Fun & Engaging Practice

Student Enjoy!

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Video Instructions

Inside the Google Slides Activity

YouTube Search

Making Matches

1 Read the word problem.

Zoey had \$17,482 in her savings account. She deposited \$2,528. What is a good estimate of the balance of Zoey's account now?

2 Find the set that uses appropriate numbers to find the closest estimate. Drag that set of numbers to the empty box.

3 Find the estimate and solve the actual problem. Do you work on scratch paper.

Actual		Closest Estimate
\$17,482	→	\$17,500
+ 2,528	→	+ 2,500
\$20,010		\$20,000

Options for Closest Estimate:

- \$17,000 + 2,000
- \$18,000 + 3,000

MARVEL Math

No Prep

Easy to Assign

Easy to Use

Making Matches

1 Read the word problem.

Isabel had \$19,962 in her college savings account. She withdrew \$7,459 to pay for her first semester of college. What is a good estimate of the balance of Isabel's account balance now?

2 Find the set that uses appropriate numbers to find the closest estimate. Drag that set of numbers to the empty box.

3 Find the estimate and solve the actual problem. Do you work on scratch paper.

Actual

$$\begin{array}{r} \$19,962 \\ - 7,459 \\ \hline \end{array}$$

\$12,503

Closest Estimate

$$\begin{array}{r} \$20,000 \\ - 7,500 \\ \hline \end{array}$$

\$12,500



$$\begin{array}{r} \$20,000 \\ - 8,000 \\ \hline \end{array}$$

$$\begin{array}{r} \$19,000 \\ - 7,000 \\ \hline \end{array}$$

MARVELMath

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.

