

Problem Solving

Skill 3 - 7G

Estimation

Directions: Read the word problem and use rounding to estimate. Then add to see if your estimate is reasonable.

Example

Lily wants to buy a loaf of bread for \$2.32 and a gallon of orange juice for \$3.78. **About** how many dollars will Lily need to buy the bread and orange juice?

Estimate how much money Lily needs: Lily will need **about** \$6.00 dollars.

How did you find your estimate?

\$2.32 is closer to \$2.00 than \$3.00 \$ 3.78 is closer to \$4.00 than \$3.00

$$\$2.00 + \$4.00 = \$6.00$$

$$\begin{array}{r} \$2.32 \\ + \$3.78 \\ \hline \$6.10 \end{array}$$

The answer \$6.10 is close to the estimate of \$6.00
So the estimate is reasonable.

1.

Ken wants to buy a gallon of milk for \$4.59 and a bag of oranges for \$3.45. **About** how many dollars will Ken need to buy the milk and oranges?

Estimate how much money Ken needs: Ken will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

Name _____

Date _____

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2.

Landon wants to buy some blueberries for \$2.79 and some strawberries for \$4.29.

About how many dollars will Landon need to buy the blueberries and strawberries?

Estimate how much money Landon needs: Landon will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

3.

Destiny wants to buy a cantaloupe for \$2.49 and a bag of lemons for \$2.52. **About** how many dollars will Destiny need to buy the cantaloupe and lemons?

Estimate how much money Destiny needs: Destiny will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

Name _____

Date _____

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4.

Anna wants to buy a bag of corn chips for \$3.89 and a candy bar for \$0.79. **About** how many dollars will Anna need to buy the chips and candy?

Estimate how much money Anna needs: Anna will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

5.

Angel wants to buy some pears for \$3.85 and some peaches for \$5.39. **About** how many dollars will Angel need to buy the pears and peaches?

Estimate how much money Angel needs: Angel will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

Name _____

Date _____

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6.

Eva wants to buy some bananas for \$3.79 and an apple pie for \$4.39. **About** how many dollars will Eva need to buy the bananas and apple pie?

Estimate how much money Eva needs: Eva will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

7.

Ryan wants to buy a blackberry pie for \$6.99 and a chocolate cake for \$5.79. **About** how many dollars will Ryan need to buy the pie and chocolate cake?

Estimate how much money Ryan needs: Ryan will need **about** _____ dollars.

How did you find your estimate?

Add to see if your estimate is reasonable.

Answer Key
Skill 3 - 7G

1. Ken will need **about** \$8.00 dollars.

Estimate	$\begin{array}{r} \$5.00 \\ +\$3.00 \\ \hline \$8.00 \end{array}$	Add	$\begin{array}{r} \$4.59 \\ +\$3.45 \\ \hline \$8.04 \end{array}$
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The answer \$8.04 is close to the estimate of \$8.00.

Is the estimate reasonable? Yes

2. Landon will need **about** \$7.00 dollars.

Estimate	$\begin{array}{r} \$3.00 \\ +\$4.00 \\ \hline \$7.00 \end{array}$	Add	$\begin{array}{r} \$2.79 \\ +\$4.29 \\ \hline \$7.08 \end{array}$
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The answer \$7.08 is close to the estimate of \$7.00.

Is the estimate reasonable? Yes

3. Destiny will need **about** \$5.00 dollars.

Estimate	$\begin{array}{r} \$2.00 \\ +\$3.00 \\ \hline \$5.00 \end{array}$	Add	$\begin{array}{r} \$2.49 \\ +\$2.52 \\ \hline \$5.01 \end{array}$
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The answer \$5.01 is close to the estimate of \$5.00.

Is the estimate reasonable? Yes

4. Anna will need **about** \$5.00 dollars.

Estimate	$\begin{array}{r} \$4.00 \\ +\$1.00 \\ \hline \$5.00 \end{array}$	Add	$\begin{array}{r} \$3.89 \\ +\$0.79 \\ \hline \$4.68 \end{array}$
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The answer \$4.68 is close to the estimate of \$5.00.

Is the estimate reasonable? Yes

5. Angel will need **about** \$9.00 dollars.

Estimate	$\begin{array}{r} \$4.00 \\ +\$5.00 \\ \hline \$9.00 \end{array}$	Add	$\begin{array}{r} \$3.85 \\ +\$5.39 \\ \hline \$9.24 \end{array}$
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The answer \$9.24 is close to the estimate of \$9.00.

Is the estimate reasonable? Yes

6. Eva will need **about** \$8.00 dollars.

Estimate	$\begin{array}{r} \$4.00 \\ +\$4.00 \\ \hline \$8.00 \end{array}$	Add	$\begin{array}{r} \$3.79 \\ +\$4.39 \\ \hline \$8.18 \end{array}$
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The answer \$8.18 is close to the estimate of \$8.00.

Is the estimate reasonable? Yes

7. Ryan will need **about** \$13.00 dollars.

Estimate	$\begin{array}{r} \$7.00 \\ +\$6.00 \\ \hline \$13.00 \end{array}$	Add	$\begin{array}{r} \$6.99 \\ +\$5.79 \\ \hline \$12.78 \end{array}$
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The answer \$12.78 is close to the estimate of \$13.00.

Is the estimate reasonable? Yes