

# Problem Solving

## Skill 4 - 2K

Read each word problem. Round the numbers to the nearest hundred to estimate the answer.

Nancy wants to buy a new guitar and a new drum machine. The guitar costs \$885 and the drum machine costs \$710. She rounded both amounts mentally to the nearest hundred to estimate the total. What was her estimate?

$$\begin{array}{r} \$900.00 \\ + \underline{700.00} \\ \$1,600.00 \end{array}$$

Nancy rounded \$885 to the nearest hundred. She then rounded \$710 to the nearest hundred.

about \$1,600

1. Kevin wants to buy a computer for \$435 and a cell phone for \$158. Round each amount to the nearest hundred to estimate how much money he will need?

2. Randy is buying 425 pounds of soil and 178 pounds of fertilizer. About how many pounds does the soil and fertilizer weigh?

3. Carol wants to buy a video game system for \$259. She also wants a video game for \$149. About how much money will she need?

4. A total of 665 people attended the school fair last year. This year the fair had 432 visitors. About how many people attended the fair for both years?

5. Lori has 256 marbles in her collection. Diane has 448 marbles in her collection. About how many marbles do they have in all?

## Problem Solving

### Skill 4 - 2K

Read each word problem. Round the numbers to the nearest hundred to estimate the answer.

<p>6. Marcia has 875 beads. Karen has 335 beads. About how many beads do they have in all?</p>	
<p>7. Lance wants to buy a television for \$888. He also wants to buy a car stereo for \$248. About how much money will he need to buy both items?</p>	
<p>8. There were 579 people watching the 8 P.M. showing of the movie. There were 712 people watching the 10 P.M. showing of the movie. About how many people watched the movie in all?</p>	
<p>9. Angela wants to buy clothing for \$349. She also wants to spend \$150 on shoes. About how much money will she need?</p>	
<p>10. The park had a total of 487 people visiting on Monday. On Tuesday the park had 518 visitors. About how many people visited the park on both days?</p>	
<p>11. Jason has 121 stamps in his collection. Lana has 175 stamps in her collection. About how many stamps do they have in all?</p>	

Answer Key  
Skill 4 - 2K

Read each word problem. Round the numbers to the nearest hundred to estimate the answer.

- |   |  |                    |
|---|--|--------------------|
| 1. Kevin wants to buy a computer for \$435 and a cell phone for \$158. Round each amount to the nearest hundred to estimate how much money he will need?  | $\begin{array}{r} \$400.00 \\ + \$200.00 \\ \hline \$600.00 \end{array}$ | about \$600.00     |
| 2. Randy is buying 425 pounds of soil and 178 pounds of fertilizer. About how many pounds does the soil and fertilizer weigh?                             | $\begin{array}{r} 400 \\ + 200 \\ \hline 600 \end{array}$                | about 600 pounds   |
| 3. Carol wants to buy a video game system for \$259. She also wants a video game for \$149. About how much money will she need?                           | $\begin{array}{r} \$300.00 \\ + \$100.00 \\ \hline \$400.00 \end{array}$ | about \$400.00     |
| 4. A total of 665 people attended the school fair last year. This year the fair had 432 visitors. About how many people attended the fair for both years? | $\begin{array}{r} 700 \\ + 400 \\ \hline 1,100 \end{array}$              | about 1,100 people |
| 5. Lori has 256 marbles in her collection. Diane has 448 marbles in her collection. About how many marbles do they have in all?                           | $\begin{array}{r} 300 \\ + 400 \\ \hline 700 \end{array}$                | about 700 marbles  |

Page 2

- |   |  |                    |
|---|--|--------------------|
| 6. Marcia has 875 beads. Karen has 335 beads. About how many beads do they have in all?   | $\begin{array}{r} 900 \\ + 300 \\ \hline 1,200 \end{array}$                | about 1,200 beads  |
| 7. Lance wants to buy a television for \$888. He also wants to buy a car stereo for \$248. About how much money will he need to buy both items?                                     | $\begin{array}{r} \$900.00 \\ + \$200.00 \\ \hline \$1,100.00 \end{array}$ | about \$1,100.00   |
| 8. There were 579 people watching the 8 P.M. showing of the movie. There were 712 people watching the 10 P.M. showing of the movie. About how many people watched the movie in all? | $\begin{array}{r} 600 \\ + 700 \\ \hline 1,300 \end{array}$                | about 1,300 people |
| 9. Angela wants to buy clothing for \$349. She also wants to spend \$150 on shoes. About how much money will she need?  | $\begin{array}{r} \$300.00 \\ + \$200.00 \\ \hline \$500.00 \end{array}$   | about \$500.00     |
| 10. The park had a total of 487 people visiting on Monday. On Tuesday the park had 518 visitors. About how many people visited the park on both days?                               | $\begin{array}{r} 500 \\ + 500 \\ \hline 1,000 \end{array}$                | about 1,000 people |
| 11. Jason has 121 stamps in his collection. Lana has 175 stamps in her collection. About how many stamps do they have in all?   | $\begin{array}{r} 100 \\ + 200 \\ \hline 500 \end{array}$                  | about 500 stamps   |