

Estimating Sums and Differences of Whole Numbers

Rounding can be used to estimate sums and differences.

To estimate $1,436 + 422$:

To estimate $3,635 - 1,498$:

Rounding

1,436 rounds to 1,400
 422 rounds to 400
 $1,400 + 400 = 1,800$

Rounding

3,635 rounds to 3,600
 1,498 rounds to 1,500
 $3,600 - 1,500 = 2,100$

Estimate each sum or difference.

1.
$$\begin{array}{r} 265 \\ + 426 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 348 \\ + 122 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 562 \\ - 223 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 824 \\ - 590 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 2,189 \\ + 388 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 1,329 \\ + 5,345 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 877 \\ - 475 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 9,245 \\ - 4,033 \\ \hline \end{array}$$

9. $788 + 212 =$ _____

10. $9,769 - 4,879 =$ _____

11. $65,328 - 14,231 =$ _____

12. $32,910 + 4,085 =$ _____

13. **Number Sense** Is $976 - 522$ more or less than 400? Explain how you can tell without actually subtracting.
- _____

14. The fourth-graders are helping raise money for the local animal shelter. They hoped to raise \$1,000. So far they have made \$465 in bake sales and \$710 in T-shirt sales. About how much more than \$1,000 have they raised? _____