

# Adding Signed Numbers *(cont.)*

To add numbers with the *same* sign, add the numbers and keep the sign.

$$\begin{array}{r} +23 \\ + +14 \\ \hline +37 \end{array}$$

$$\begin{array}{r} -40 \\ + -15 \\ \hline -55 \end{array}$$

To add numbers with *different* signs, subtract the number with the smaller absolute value from the number with the larger absolute value. Then use the sign of the number with the higher absolute value.

$$\begin{array}{r} +40 \\ + -20 \\ \hline +20 \end{array}$$

$$\begin{array}{r} -70 \\ + +35 \\ \hline -35 \end{array}$$

$$\begin{array}{r} +80 \\ + -40 \\ \hline +40 \end{array}$$

**Directions:** Use a number line to help you check your work. The first one is done for you.

$$\begin{array}{r} 1. \quad +25 \\ + -19 \\ \hline +6 \end{array}$$

$$\begin{array}{r} 2. \quad +19 \\ + -23 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad +23 \\ + -7 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad -34 \\ + -25 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad +56 \\ + -45 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad -67 \\ + +54 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad -98 \\ + +76 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad +76 \\ + -45 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad +76 \\ + -99 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad -100 \\ + +78 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad +124 \\ + -145 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad +200 \\ + -234 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad -99 \\ + -11 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad -231 \\ + +199 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad +145 \\ + -201 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad -238 \\ + +198 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad +900 \\ + -450 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad -456 \\ + -123 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad +932 \\ + -756 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad -1000 \\ + +999 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad +789 \\ + -987 \\ \hline \end{array}$$