

Check Subtraction with Addition

Elizabeth used expanded form to solve $94 - 58$.

$$\begin{array}{r} 94 = 90 + 4 = 80 + 14 \\ 58 = 50 + 8 = 50 + 8 \\ \hline 30 + 6 = 36 \end{array}$$

She used addition to check her answer.

$$\begin{array}{r} 36 \text{ (my answer)} \\ + 58 \text{ (the number I took away)} \\ \hline 80 \\ 14 \\ \hline 94 \text{ (the number I started with)} \end{array}$$



Elizabeth

When I add my answer (36) to the number I took away (58), I should get the number I started with, 94. So I know I am correct.

1. Do you agree with Elizabeth? Show or tell how you decided.

2. Mark solved $93 - 56$. His answer is 49.

He used addition to check.

$$\begin{array}{r} 49 \\ + 56 \text{ (my answer)} \\ \hline 105 \text{ (the number I took away)} \end{array}$$

Is this the number I started with?



Mark

A. Is his answer correct? If Mark's answer is not correct, use expanded form and solve $93 - 56$.

B. Show how to use addition to check your answer.