

Check Subtraction with Addition



Dear Family Member:

In this homework students will practice using addition to check subtraction problems. If you subtract something and then add it back, you should get what you started with. For example, $25 - 7 = 18$. Adding 7 back to 18 gives you 25, the number you started with. If you had gotten something else, you would know there was a mistake. Please help your child use addition to check subtraction problems.

Thank you.

1. John solved a subtraction problem. Then he added his answer to the number he subtracted. He knew he made a mistake. How did he know that?

John's solution:

$$\begin{array}{r} 72 \\ - 43 \\ \hline 31 \end{array}$$

John's check:

$$\begin{array}{r} 31 \\ + 43 \\ \hline 74 \end{array}$$

2. John solved another problem. He checked it with addition. Use his addition to decide whether his answer is correct. How do you know?

John's solution:

$$\begin{array}{r} 97 \\ - 62 \\ \hline 35 \end{array}$$

John's check:

$$\begin{array}{r} 35 \\ + 62 \\ \hline 97 \end{array}$$

3. John solved some more subtraction problems. Check his answers with addition. If an answer is wrong, rewrite the subtraction problem and find the correct answer. Check with addition.

A.

$$\begin{array}{r} 56 \\ - 13 \\ \hline 43 \end{array}$$

B.

$$\begin{array}{r} 82 \\ - 59 \\ \hline 35 \end{array}$$

4. Solve each problem. Check with addition.

A.

$$\begin{array}{r} 57 \\ - 32 \\ \hline \end{array}$$

B.

$$\begin{array}{r} 332 \\ - 118 \\ \hline \end{array}$$