

Subtraction: Column Method

1

$$\begin{array}{r} 63 \\ -48 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the tens and ones.

2

$$\begin{array}{r} 63 \\ -48 \\ \hline \\ \hline \end{array}$$

Subtract the ones (note that the answer to $3 - 8$ is negative).

3

$$\begin{array}{r} \overset{5}{\cancel{6}}3^1 \\ -48 \\ \hline 5 \\ \hline \end{array}$$

Exchange a 10 from the 60 to give 13 ones. Subtract the ones: $13 - 8 = 5$

4

$$\begin{array}{r} \overset{5}{\cancel{6}}3^1 \\ -48 \\ \hline 15 \\ \hline \end{array}$$

Subtract the tens: $50 - 40 = 10$

5

$$\begin{array}{r} 63 \\ -48 \\ \hline 15 \\ \hline \end{array}$$

Check your answer.



Addition: Column Method

1

$$\begin{array}{r} 23 \\ +48 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the tens and ones.

2

$$\begin{array}{r} 23 \\ +48 \\ \hline 1 \\ \hline \end{array}$$

Add the ones and write the answer.

3

$$\begin{array}{r} 23 \\ +48 \\ \hline 1 \\ \hline \end{array}$$

↙
1

Regroup any tens under the tens column.

4

$$\begin{array}{r} 23 \\ +48 \\ \hline 71 \\ \hline \end{array}$$

↙
1

Add the tens including any tens you have regrouped.

5

$$\begin{array}{r} 23 \\ +48 \\ \hline 71 \\ \hline \end{array}$$

Check your answer.

