

MY Homework

Lesson 5

Subtract Three-Digit Numbers

Homework Helper



Need help? connectED.mcgraw-hill.com

Chloe jumped rope 631 times without stopping. Addison jumped 444 times. How many more jumps did Chloe make?

Find $631 - 444$.

1 Subtract ones.

$$\begin{array}{r} 631 \\ - 444 \\ \hline 7 \end{array}$$

Regroup 1 ten as 10 ones.
10 ones + 1 one = 11 ones
11 ones - 4 ones = 7 ones

2 Subtract tens and hundreds.

$$\begin{array}{r} 511 \\ - 444 \\ \hline 187 \end{array}$$

Regroup 1 hundred as 10 tens.
10 tens + 2 tens = 12 tens
12 tens - 4 tens = 8 tens
5 hundreds - 4 hundreds = 1 hundred

Check

$$\begin{array}{r} 631 \\ - 444 \\ \hline 187 \end{array} \quad \begin{array}{r} 187 \\ + 444 \\ \hline 631 \end{array}$$

← same →

Addition shows the subtraction answer is correct.

Since, $631 - 444 = 187$, Chloe made 187 more jumps.

Practice

Subtract. Use addition to check your answer.

1.

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

Check:

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

2.

$$\begin{array}{r} \\ \\ - 2 \\ \hline \end{array}$$

Check:

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline 6 \end{array}$$

Subtract. Use addition to check your answer.

$$\begin{array}{r} 3. \quad \$ \begin{array}{|c|c|c|} \hline 7 & 6 & 4 \\ \hline \end{array} \\ - \quad \$ \begin{array}{|c|c|c|} \hline 3 & 5 & 3 \\ \hline \end{array} \\ \hline \$ \begin{array}{|c|c|c|} \hline 4 & 1 & 1 \\ \hline \end{array} \end{array}$$

Check:

$$\begin{array}{r} \$ \begin{array}{|c|c|c|} \hline 4 & 1 & 1 \\ \hline \end{array} \\ + \$ \begin{array}{|c|c|c|} \hline 3 & 5 & 3 \\ \hline \end{array} \\ \hline \$ \begin{array}{|c|c|c|} \hline 7 & 6 & 4 \\ \hline \end{array} \end{array}$$

$$4. \quad \begin{array}{r} \begin{array}{|c|c|c|} \hline 4 & 13 & 12 \\ \hline \end{array} \\ - \begin{array}{|c|c|c|} \hline 5 & 4 & 2 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 2 & 7 & 7 \\ \hline \end{array} \end{array}$$

Check:

$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 1 & 1 & 7 \\ \hline \end{array} \\ + \begin{array}{|c|c|c|} \hline 2 & 7 & 5 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 5 & 4 & 2 \\ \hline \end{array} \end{array}$$

Algebra Subtract to find the unknown.

5. $599 - 284 = \blacksquare$

6. $436 - 377 = \blacksquare$

7. $514 - 175 = \blacksquare$

$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 5 & 9 & 9 \\ \hline \end{array} \\ - \begin{array}{|c|c|c|} \hline 2 & 8 & 4 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 3 & 1 & 5 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 3 & 12 & 16 \\ \hline \end{array} \\ - \begin{array}{|c|c|c|} \hline 4 & 3 & 6 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 3 & 7 & 7 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline & 5 & 9 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \begin{array}{|c|c|c|} \hline 4 & 10 & 14 \\ \hline \end{array} \\ - \begin{array}{|c|c|c|} \hline 5 & 1 & 4 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 1 & 7 & 5 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|} \hline 3 & 3 & 9 \\ \hline \end{array} \end{array}$$

The unknown is 315. The unknown is 59. The unknown is 339.



Problem Solving

Write a number sentence to solve.

- 8. PRACTICE 4 Model Math** Tanisha bought a pack of 225 sheets of paper for her homework. After a week, she had 198 sheets of paper left. How many sheets of paper did she use?

$225 - 198 = 27$; 27 sheets of paper

- 9.** The school library would like to raise \$915 for new books. So far, \$475 has been raised. How much more does the library need to raise to reach its goal?

$\$915 - \$475 = \$440$

Test Practice

- 10.** A crate has 272 red and green apples. How many green apples are there?
- (A) 149 green apples (C) 159 green apples
(B) 150 green apples (D) 395 green apples

