

Addition Review

Addition is used to find the total of two or more quantities. The answer to an addition problem is known as the *sum*.

PROCEDURE: To find the sum of a set of numbers, align the numbers vertically so that the ones digits are in the same column. Add each column, working from right to left.

SAMPLE PROBLEM: Find the sum of 317, 435, and 92.

Step 1: Add the ones. Don't forget to carry your numbers.

$$\begin{array}{r} ^1 \\ 317 \\ 435 \\ + 92 \\ \hline 4 \end{array}$$

Step 2: Add the tens.

$$\begin{array}{r} ^1 ^1 \\ 317 \\ 435 \\ + 92 \\ \hline 44 \end{array}$$

Step 3: Add the hundreds.

$$\begin{array}{r} ^1 \\ 317 \\ 435 \\ + 92 \\ \hline 844 \end{array}$$

The sum is 844.

Add It Up!

1. Find the sums of the following problems:

2. Your doctor advises you to take 60 mg of vitamin C, 20 mg of niacin, and 15 mg of zinc every day. How many milligrams of nutrients will you take?

3. A chemistry experiment calls for 356 mL of water, 197 mL of saline solution, and 55 mL of vinegar. How much liquid is needed in all?

4. Between 1980 and 1992, the population of San Bernardino County, CA, increased by 639,327 people. If the population in 1980 was 895,016, what was the population in 1992?

5. Halley's comet returns to our solar system every 76 years. Its last visit was in 1986. What year will it appear again?

