



2-Digit Addition with Carrying in Sentence Format

• Example 1

Find the sum of 36 and 57.

Translate the sentence to a mathematical statement. Sum means to add.

$$\begin{array}{r} 36 \\ + 57 \\ \hline \end{array}$$

Step 1

$$\begin{array}{r} 1 \\ 36 \\ + 57 \\ \hline 3 \end{array}$$

Step 2

$$\begin{array}{r} 1 \\ 36 \\ + 57 \\ \hline 93 \end{array}$$

So that the sum of 36 and 57 is 93.

● ● ● CHECK YOURSELF 1

Find the sum of 23 and 68

• Example 2

Find each of the following.

(a) 36 increased by 16.

36 increased by 16 is written as

$$\begin{array}{r} 1 \\ 36 \\ + 16 \\ \hline 52 \end{array}$$

(b) The total of 18 and 35.

The total of 18 and 35 is written as

$$\begin{array}{r} 1 \\ 18 \\ + 35 \\ \hline 53 \end{array}$$

● ● ● CHECK YOURSELF 2

Find each of the following.

a. 43 increased by 29

b. The total of 22 and 59

● ● ● CHECK YOURSELF ANSWERS

1. 91.

2. **(a)** 72; **(b)** 81.

1.9 Exercises

Name _____

Section _____

Date _____

A N S W E R S

Add.

1. Find the sum of 79 and 35.

2. Find the sum of 23, 17, and 36.

3. Find the sum of 27 and 43.

4. Find the sum of 18 and 33.

5. Find the sum of 34 and 47.

6. Find the sum of 55 and 16.

7. Find the sum of 11 and 79.

8. Find the sum of 36 and 37.

9. Find the sum of 74 and 58.

10. Find the sum of 31, 75, and 17.

11. Find the sum of 49 and 27.

12. Find the sum of 46 and 18.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____