

Column Addition

It's Algebra!

The first U.S. astronauts orbited Earth in 1962. How many orbits did these Americans complete in that year?

We want to find the total number of orbits all the astronauts made in 1962.

| Orbits by U.S. Astronauts in 1962 | | |
|-----------------------------------|-----------------|--------|
| Date | Astronaut | Orbits |
| February 20 | John Glenn | 3 |
| May 24 | Scott Carpenter | 3 |
| October 3 | Wally Schirra | 6 |

We know that Glenn orbited _____ times; Carpenter, _____ times; and Schirra, _____ times.

To find this **total** or **sum**, we add _____, _____, and _____.

We can add only two numbers at a time.

Add down.

$$\begin{array}{r} 3 \\ 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ + 6 \\ \hline \end{array}$$

Add up to check.

American astronauts completed _____ orbits in 1962.

Getting Started

Add down. Add up to check.

1.
$$\begin{array}{r} 1 \\ 3 \\ + 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2 \\ 6 \\ + 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3 \\ 4 \\ + 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 6 \\ 3 \\ + 1 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 7 \\ 1 \\ + 7 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 6 \\ 3 \\ 2 \\ + 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 3 \\ 2 \\ 4 \\ + 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 5 \\ 4 \\ 5 \\ + 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 7 \\ 2 \\ 3 \\ 5 \\ + 1 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 8 \\ 1 \\ 6 \\ 2 \\ + 2 \\ \hline \end{array}$$