

Multi-Digit Addition

Name: _____

Grade 4 · Add numbers up to six digits with regrouping

Worked example

$$\begin{array}{r} \\ 4,786 \\ + 2,548 \\ \hline 7,334 \end{array}$$

Line up the digits by place, with the ones under the ones.

Start with the ones and add one column at a time, moving left.

When a column makes 10 or more, write the ones digit and carry (regroup) the 1 to the next column. The small 1s are the carries.

1.

$$\begin{array}{r} 3,482 \\ + 2,759 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 6,075 \\ + 1,968 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 4,826 \\ + 3,594 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 7,309 \\ + 2,893 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 24,617 \\ + 18,235 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 53,809 \\ + 27,496 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 70,254 \\ + 9,867 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 46,385 \\ + 35,729 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 318,452 \\ + 264,739 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 507,916 \\ + 283,095 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 645,208 \\ + 98,764 \\ \hline \end{array}$$

12.

$$\begin{array}{r} 472,586 \\ + 369,847 \\ \hline \end{array}$$

Multi-Digit Addition (Answer Key)

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Worked example

$$\begin{array}{r} \\ 4,786 \\ + 2,548 \\ \hline 7,334 \end{array}$$

Line up the digits by place, with the ones under the ones.

Start with the ones and add one column at a time, moving left.

When a column makes 10 or more, write the ones digit and carry (regroup) the 1 to the next column. The small 1s are the carries.

1.

$$\begin{array}{r} 3,482 \\ + 2,759 \\ \hline 6,241 \end{array}$$

2.

$$\begin{array}{r} 6,075 \\ + 1,968 \\ \hline 8,043 \end{array}$$

3.

$$\begin{array}{r} 4,826 \\ + 3,594 \\ \hline 8,420 \end{array}$$

4.

$$\begin{array}{r} 7,309 \\ + 2,893 \\ \hline 10,202 \end{array}$$

5.

$$\begin{array}{r} 24,617 \\ + 18,235 \\ \hline 42,852 \end{array}$$

6.

$$\begin{array}{r} 53,809 \\ + 27,496 \\ \hline 81,305 \end{array}$$

7.

$$\begin{array}{r} 70,254 \\ + 9,867 \\ \hline 80,121 \end{array}$$

8.

$$\begin{array}{r} 46,385 \\ + 35,729 \\ \hline 82,114 \end{array}$$

9.

$$\begin{array}{r} 318,452 \\ + 264,739 \\ \hline 583,191 \end{array}$$

10.

$$\begin{array}{r} 507,916 \\ + 283,095 \\ \hline 791,011 \end{array}$$

11.

$$\begin{array}{r} 645,208 \\ + 98,764 \\ \hline 743,972 \end{array}$$

12.

$$\begin{array}{r} 472,586 \\ + 369,847 \\ \hline 842,433 \end{array}$$