

LONG ADDITION

Add by Regrouping

Objective: Add each column. When a column makes ten or more, carry the ten to the next column.

INSTRUCTION

Add the ones first. If you get ten or more, write the ones digit and carry the ten above the next column.

EXAMPLE

Follow the steps to solve it.

1 Add the ones

$$\begin{array}{r} 9 + 6 = 15 \\ \text{Write } 5. \text{ Carry } 1 \text{ into the tens.} \\ \begin{array}{r} 8 \ 3 \ 9 \\ + 3 \ 7 \ 6 \\ \hline 5 \end{array} \end{array}$$

2 Add the tens

$$\begin{array}{r} 1 + 3 + 7 = 11 \\ \text{Write } 1. \text{ Carry } 1 \text{ into the hundreds.} \\ \begin{array}{r} 1 \ 1 \\ 8 \ 3 \ 9 \\ + 3 \ 7 \ 6 \\ \hline 1 \ 5 \end{array} \end{array}$$

3 Add the hundreds

$$\begin{array}{r} 1 + 8 + 3 = 12 \\ \text{Write } 2. \text{ Carry } 1 \text{ into the thousands.} \\ \begin{array}{r} 1 \ 1 \\ 8 \ 3 \ 9 \\ + 3 \ 7 \ 6 \\ \hline 1 \ 2 \ 1 \ 5 \end{array} \end{array}$$

4 Final answer

$$\begin{array}{r} 1 \ 1 \\ 8 \ 3 \ 9 \\ + 3 \ 7 \ 6 \\ \hline 1 \ 2 \ 1 \ 5 \end{array}$$

$839 + 376 = 1215$
1215 is the sum!

INDEPENDENT PRACTICE

Solve each one. Write the answer below the line.

1.
$$\begin{array}{r} 6 \ 6 \ 7 \\ + 3 \ 9 \ 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 6 \ 7 \ 4 \\ + 7 \ 8 \ 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 7 \ 7 \ 4 \\ + 6 \ 7 \ 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1 \ 5 \ 1 \\ + 2 \ 1 \ 9 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 5 \ 4 \ 0 \\ + 6 \ 9 \ 3 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 5 \ 9 \ 2 \\ + 7 \ 7 \ 9 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8 \ 2 \ 8 \\ + 9 \ 0 \ 6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 1 \ 1 \ 9 \\ + 2 \ 9 \ 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 9 \ 9 \ 0 \\ + 9 \ 8 \ 1 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 5 \ 9 \ 6 \\ + 2 \ 5 \ 2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 3 \ 9 \ 8 \\ + 3 \ 0 \ 3 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 5 \ 4 \ 1 \\ + 5 \ 0 \ 5 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 4 \ 4 \ 2 \\ + 3 \ 1 \ 9 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 7 \ 3 \ 8 \\ + 3 \ 8 \ 3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 2 \ 9 \ 6 \\ + 1 \ 9 \ 8 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 1 \ 9 \ 6 \\ + 8 \ 4 \ 0 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 6 \ 6 \ 6 \\ + 9 \ 4 \ 2 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 8 \ 8 \ 2 \\ + 6 \ 9 \ 6 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 1 \ 6 \ 4 \\ + 4 \ 5 \ 2 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 1 \ 7 \ 7 \\ + 3 \ 6 \ 2 \\ \hline \end{array}$$

I solved by: lined up the columns carried the ten checked my work

TEACHER EDITION

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Objective: Add each column. When a column makes ten or more, carry the ten to the next column.

INSTRUCTION Add the ones first. If you get ten or more, write the ones digit and carry the ten above the next column.

EXAMPLE Follow the steps to solve it.

1 Add the ones

$$\begin{array}{r}
 9 + 6 = 15 \\
 \text{Write } 5. \text{ Carry } 1 \text{ into the tens.} \\
 \begin{array}{r}
 839 \\
 + 376 \\
 \hline
 5
 \end{array}
 \end{array}$$

2 Add the tens

$$\begin{array}{r}
 1 + 3 + 7 = 11 \\
 \text{Write } 1. \text{ Carry } 1 \text{ into the hundreds.} \\
 \begin{array}{r}
 11 \\
 839 \\
 + 376 \\
 \hline
 15
 \end{array}
 \end{array}$$

3 Add the hundreds

$$\begin{array}{r}
 1 + 8 + 3 = 12 \\
 \text{Write } 2. \text{ Carry } 1 \text{ into the thousands.} \\
 \begin{array}{r}
 11 \\
 839 \\
 + 376 \\
 \hline
 1215
 \end{array}
 \end{array}$$

4 Final answer

$$\begin{array}{r}
 11 \\
 839 \\
 + 376 \\
 \hline
 1215
 \end{array}$$

839 + 376 = 1215
1215 is the sum!

INDEPENDENT PRACTICE Solve each one. Write the answer below the line.

1.

$$\begin{array}{r}
 667 \\
 + 393 \\
 \hline
 1060
 \end{array}$$

2.

$$\begin{array}{r}
 674 \\
 + 786 \\
 \hline
 1460
 \end{array}$$

3.

$$\begin{array}{r}
 774 \\
 + 673 \\
 \hline
 1447
 \end{array}$$

4.

$$\begin{array}{r}
 151 \\
 + 219 \\
 \hline
 370
 \end{array}$$

5.

$$\begin{array}{r}
 540 \\
 + 693 \\
 \hline
 1233
 \end{array}$$

6.

$$\begin{array}{r}
 592 \\
 + 779 \\
 \hline
 1371
 \end{array}$$

7.

$$\begin{array}{r}
 828 \\
 + 906 \\
 \hline
 1734
 \end{array}$$

8.

$$\begin{array}{r}
 119 \\
 + 296 \\
 \hline
 415
 \end{array}$$

9.

$$\begin{array}{r}
 990 \\
 + 981 \\
 \hline
 1971
 \end{array}$$

10.

$$\begin{array}{r}
 596 \\
 + 252 \\
 \hline
 848
 \end{array}$$

11.

$$\begin{array}{r}
 398 \\
 + 303 \\
 \hline
 701
 \end{array}$$

12.

$$\begin{array}{r}
 541 \\
 + 505 \\
 \hline
 1046
 \end{array}$$

13.

$$\begin{array}{r}
 442 \\
 + 319 \\
 \hline
 761
 \end{array}$$

14.

$$\begin{array}{r}
 738 \\
 + 383 \\
 \hline
 1121
 \end{array}$$

15.

$$\begin{array}{r}
 296 \\
 + 198 \\
 \hline
 494
 \end{array}$$

16.

$$\begin{array}{r}
 196 \\
 + 840 \\
 \hline
 1036
 \end{array}$$

17.

$$\begin{array}{r}
 666 \\
 + 942 \\
 \hline
 1608
 \end{array}$$

18.

$$\begin{array}{r}
 882 \\
 + 696 \\
 \hline
 1578
 \end{array}$$

19.

$$\begin{array}{r}
 164 \\
 + 452 \\
 \hline
 616
 \end{array}$$

20.

$$\begin{array}{r}
 177 \\
 + 362 \\
 \hline
 539
 \end{array}$$

I solved by: lined up the columns carried the ten checked my work