

## 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**

$$\begin{array}{r} 5 + 8 = 13 \\ \text{Write } 3. \text{ Carry } 1 \text{ into the tens.} \\ \begin{array}{r} 965 \\ + 898 \\ \hline 3 \end{array} \end{array}$$

**2 Add the tens**

$$\begin{array}{r} 1 + 6 + 9 = 16 \\ \text{Write } 6. \text{ Carry } 1 \text{ into the hundreds.} \\ \begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 63 \end{array} \end{array}$$

**3 Add the hundreds**

$$\begin{array}{r} 1 + 9 + 8 = 18 \\ \text{Write } 8. \text{ Carry } 1 \text{ into the thousands.} \\ \begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 1863 \end{array} \end{array}$$

**4 Final answer**

$$\begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 1863 \end{array}$$

$965 + 898 = 1863$   
1863 is the sum!

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

1. 
$$\begin{array}{r} 107 \\ + 753 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 933 \\ + 372 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 473 \\ + 575 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 988 \\ + 437 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 119 \\ + 392 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 548 \\ + 262 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 906 \\ + 597 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 499 \\ + 700 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 621 \\ + 932 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 473 \\ + 140 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 574 \\ + 712 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 129 \\ + 491 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 418 \\ + 313 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 702 \\ + 332 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 963 \\ + 278 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 374 \\ + 719 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 715 \\ + 736 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 931 \\ + 279 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 517 \\ + 776 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 937 \\ + 452 \\ \hline \end{array}$$

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

TEACHER EDITION

## 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**

$$5 + 8 = 13$$

Write **3**. Carry **1** into the tens.

$$\begin{array}{r} 965 \\ + 898 \\ \hline 3 \end{array}$$

**2 Add the tens**

$$1 + 6 + 9 = 16$$

Write **6**. Carry **1** into the hundreds.

$$\begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 63 \end{array}$$

**3 Add the hundreds**

$$1 + 9 + 8 = 18$$

Write **8**. Carry **1** into the thousands.

$$\begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 1863 \end{array}$$

**4 Final answer**

$$\begin{array}{r} 11 \\ 965 \\ + 898 \\ \hline 1863 \end{array}$$

$965 + 898 = 1863$   
1863 is the sum!

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

1. 
$$\begin{array}{r} 107 \\ + 753 \\ \hline 860 \end{array}$$

2. 
$$\begin{array}{r} 933 \\ + 372 \\ \hline 1305 \end{array}$$

3. 
$$\begin{array}{r} 473 \\ + 575 \\ \hline 1048 \end{array}$$

4. 
$$\begin{array}{r} 988 \\ + 437 \\ \hline 1425 \end{array}$$

5. 
$$\begin{array}{r} 119 \\ + 392 \\ \hline 511 \end{array}$$

6. 
$$\begin{array}{r} 548 \\ + 262 \\ \hline 810 \end{array}$$

7. 
$$\begin{array}{r} 906 \\ + 597 \\ \hline 1503 \end{array}$$

8. 
$$\begin{array}{r} 499 \\ + 700 \\ \hline 1199 \end{array}$$

9. 
$$\begin{array}{r} 621 \\ + 932 \\ \hline 1553 \end{array}$$

10. 
$$\begin{array}{r} 473 \\ + 140 \\ \hline 613 \end{array}$$

11. 
$$\begin{array}{r} 574 \\ + 712 \\ \hline 1286 \end{array}$$

12. 
$$\begin{array}{r} 129 \\ + 491 \\ \hline 620 \end{array}$$

13. 
$$\begin{array}{r} 418 \\ + 313 \\ \hline 731 \end{array}$$

14. 
$$\begin{array}{r} 702 \\ + 332 \\ \hline 1034 \end{array}$$

15. 
$$\begin{array}{r} 963 \\ + 278 \\ \hline 1241 \end{array}$$

16. 
$$\begin{array}{r} 374 \\ + 719 \\ \hline 1093 \end{array}$$

17. 
$$\begin{array}{r} 715 \\ + 736 \\ \hline 1451 \end{array}$$

18. 
$$\begin{array}{r} 931 \\ + 279 \\ \hline 1210 \end{array}$$

19. 
$$\begin{array}{r} 517 \\ + 776 \\ \hline 1293 \end{array}$$

20. 
$$\begin{array}{r} 937 \\ + 452 \\ \hline 1389 \end{array}$$

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