

LONG SUBTRACTION

Subtract by Regrouping

Objective: Subtract each column. When the top digit is too small, borrow ten from the next column.

INSTRUCTION

Start with the ones. If the top number is smaller, borrow ten from the next column, cross it out, then subtract.

EXAMPLE

Follow the steps to solve it.

1 Subtract the ones

0 - 2 is too small - borrow a ten.
 $10 - 2 = 8$

$$\begin{array}{r} \overset{5}{\cancel{10}} \overset{10}{\cancel{0}} \\ - 5 \ 2 \\ \hline 8 \end{array}$$

2 Subtract the tens

$5 - 5 = 0$
 It is 0 - no leading zero to write.

$$\begin{array}{r} \overset{5}{\cancel{10}} \overset{10}{\cancel{0}} \\ - 5 \ 2 \\ \hline 8 \end{array}$$

3 Final answer

$$\begin{array}{r} \overset{5}{\cancel{10}} \overset{10}{\cancel{0}} \\ - 5 \ 2 \\ \hline 8 \end{array}$$

$60 - 52 = 8$
 8 is the difference!

INDEPENDENT PRACTICE

Solve each one. Write the answer below the line.

1.
$$\begin{array}{r} 9 \ 5 \\ - 8 \ 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 7 \ 0 \\ - 4 \ 2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5 \ 5 \\ - 3 \ 6 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 7 \ 6 \\ - 5 \ 7 \\ \hline \end{array}$$

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

6.
$$\begin{array}{r} 9 \ 1 \\ - 6 \ 9 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 7 \ 4 \\ - 5 \ 7 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 6 \ 4 \\ - 1 \ 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 5 \ 1 \\ - 2 \ 8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 4 \ 2 \\ - 2 \ 6 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 9 \ 1 \\ - 7 \ 8 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 5 \ 1 \\ - 1 \ 6 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 9 \ 7 \\ - 5 \ 9 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 6 \ 7 \\ - 4 \ 8 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 7 \ 1 \\ - 3 \ 8 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 9 \ 3 \\ - 5 \ 8 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 9 \ 0 \\ - 2 \ 6 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 8 \ 0 \\ - 2 \ 2 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 8 \ 1 \\ - 6 \ 3 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 6 \ 0 \\ - 3 \ 4 \\ \hline \end{array}$$

I solved by: started with the ones borrowed a ten checked my work

TEACHER EDITION

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$$\begin{array}{r} 5 \quad 10 \\ \cancel{5} \quad \cancel{0} \\ - 5 \quad 2 \\ \hline 8 \end{array}$$

3 Final answer

$$\begin{array}{r} 5 \quad 10 \\ \cancel{5} \quad \cancel{0} \\ - 5 \quad 2 \\ \hline 8 \end{array}$$

$60 - 52 = 8$
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Solve each one. Write the answer below the line.

1.
$$\begin{array}{r} 9 \quad 5 \\ - 8 \quad 7 \\ \hline 8 \end{array}$$

2.
$$\begin{array}{r} 7 \quad 0 \\ - 4 \quad 2 \\ \hline 2 \quad 8 \end{array}$$

3.
$$\begin{array}{r} 5 \quad 5 \\ - 3 \quad 6 \\ \hline 1 \quad 9 \end{array}$$

4.
$$\begin{array}{r} 7 \quad 6 \\ - 5 \quad 7 \\ \hline 1 \quad 9 \end{array}$$

5.
$$\begin{array}{r} 4 \quad 1 \\ - 2 \quad 5 \\ \hline 1 \quad 6 \end{array}$$

6.
$$\begin{array}{r} 9 \quad 1 \\ - 6 \quad 9 \\ \hline 2 \quad 2 \end{array}$$

7.
$$\begin{array}{r} 7 \quad 4 \\ - 5 \quad 7 \\ \hline 1 \quad 7 \end{array}$$

8.
$$\begin{array}{r} 6 \quad 4 \\ - 1 \quad 6 \\ \hline 4 \quad 8 \end{array}$$

9.
$$\begin{array}{r} 5 \quad 1 \\ - 2 \quad 8 \\ \hline 2 \quad 3 \end{array}$$

10.
$$\begin{array}{r} 4 \quad 2 \\ - 2 \quad 6 \\ \hline 1 \quad 6 \end{array}$$

11.
$$\begin{array}{r} 9 \quad 1 \\ - 7 \quad 8 \\ \hline 1 \quad 3 \end{array}$$

12.
$$\begin{array}{r} 5 \quad 1 \\ - 1 \quad 6 \\ \hline 3 \quad 5 \end{array}$$

13.
$$\begin{array}{r} 9 \quad 7 \\ - 5 \quad 9 \\ \hline 3 \quad 8 \end{array}$$

14.
$$\begin{array}{r} 6 \quad 7 \\ - 4 \quad 8 \\ \hline 1 \quad 9 \end{array}$$

15.
$$\begin{array}{r} 7 \quad 1 \\ - 3 \quad 8 \\ \hline 3 \quad 3 \end{array}$$

16.
$$\begin{array}{r} 9 \quad 3 \\ - 5 \quad 8 \\ \hline 3 \quad 5 \end{array}$$

17.
$$\begin{array}{r} 9 \quad 0 \\ - 2 \quad 6 \\ \hline 6 \quad 4 \end{array}$$

18.
$$\begin{array}{r} 8 \quad 0 \\ - 2 \quad 2 \\ \hline 5 \quad 8 \end{array}$$

19.
$$\begin{array}{r} 8 \quad 1 \\ - 6 \quad 3 \\ \hline 1 \quad 8 \end{array}$$

20.
$$\begin{array}{r} 6 \quad 0 \\ - 3 \quad 4 \\ \hline 2 \quad 6 \end{array}$$

I solved by: started with the ones borrowed a ten checked my work

