FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

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

7 − 8 is too small — borrow a ten.
The tens is 0, so borrow from the hundreds first.
17 − 8 = 9

$$\begin{array}{r} {}^{2}\cancel{3}\,{}^{9}\cancel{0}\,{}^{17}\cancel{7} \\ -\ 1\ 6\ 8 \\ \hline 9 \end{array}$$

2 Subtract the tens

9 − 6 = 3

$$\begin{array}{r} {}^{2}\cancel{3}\,{}^{9}\cancel{0}\,{}^{17}\cancel{7} \\ -\ 1\ 6\ 8 \\ \hline 3\ 9 \end{array}$$

3 Subtract the hundreds

2 − 1 = 1

$$\begin{array}{r} {}^{2}\cancel{3}\,{}^{9}\cancel{0}\,{}^{17}\cancel{7} \\ -\ 1\ 6\ 8 \\ \hline 1\ 3\ 9 \end{array}$$

4 Final answer

$$\begin{array}{r} {}^{2}\cancel{3}\,{}^{9}\cancel{0}\,{}^{17}\cancel{7} \\ -\ 1\ 6\ 8 \\ \hline 1\ 3\ 9 \end{array}$$

307 − 168 = 139
139 is the difference!

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

1. $\begin{array}{r} 5\ 2\ 4 \\ -\ 2\ 8\ 7 \\ \hline \end{array}$
2. $\begin{array}{r} 7\ 3\ 4 \\ -\ 6\ 0\ 6 \\ \hline \end{array}$
3. $\begin{array}{r} 4\ 2\ 2 \\ -\ 1\ 2\ 4 \\ \hline \end{array}$
4. $\begin{array}{r} 6\ 4\ 8 \\ -\ 1\ 9\ 2 \\ \hline \end{array}$
5. $\begin{array}{r} 6\ 1\ 2 \\ -\ 5\ 5\ 3 \\ \hline \end{array}$
6. $\begin{array}{r} 8\ 3\ 1 \\ -\ 6\ 7\ 1 \\ \hline \end{array}$
7. $\begin{array}{r} 6\ 0\ 2 \\ -\ 5\ 5\ 4 \\ \hline \end{array}$
8. $\begin{array}{r} 9\ 8\ 1 \\ -\ 9\ 6\ 9 \\ \hline \end{array}$
9. $\begin{array}{r} 9\ 7\ 2 \\ -\ 6\ 7\ 6 \\ \hline \end{array}$
10. $\begin{array}{r} 7\ 4\ 1 \\ -\ 2\ 7\ 2 \\ \hline \end{array}$
11. $\begin{array}{r} 5\ 5\ 5 \\ -\ 4\ 1\ 9 \\ \hline \end{array}$
12. $\begin{array}{r} 5\ 0\ 6 \\ -\ 1\ 8\ 3 \\ \hline \end{array}$
13. $\begin{array}{r} 3\ 6\ 9 \\ -\ 1\ 9\ 5 \\ \hline \end{array}$
14. $\begin{array}{r} 4\ 3\ 1 \\ -\ 1\ 0\ 6 \\ \hline \end{array}$
15. $\begin{array}{r} 9\ 5\ 2 \\ -\ 6\ 7\ 2 \\ \hline \end{array}$
16. $\begin{array}{r} 3\ 6\ 0 \\ -\ 1\ 7\ 7 \\ \hline \end{array}$
17. $\begin{array}{r} 8\ 1\ 6 \\ -\ 4\ 4\ 9 \\ \hline \end{array}$
18. $\begin{array}{r} 3\ 7\ 2 \\ -\ 3\ 5\ 4 \\ \hline \end{array}$
19. $\begin{array}{r} 2\ 7\ 4 \\ -\ 1\ 4\ 9 \\ \hline \end{array}$
20. $\begin{array}{r} 6\ 8\ 1 \\ -\ 5\ 5\ 4 \\ \hline \end{array}$

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

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TEACHER EDITION

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EXAMPLE Follow the steps to solve it.

1 Subtract the ones

7 − 8 is too small — borrow a ten.
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17 − 8 = 9

2 9 17
3 ~~0~~ ~~7~~
− 1 6 8
9

2 Subtract the tens

9 − 6 = 3

2 9 17
3 ~~0~~ ~~7~~
− 1 6 8
3 9

3 Subtract the hundreds

2 − 1 = 1

2 9 17
3 ~~0~~ ~~7~~
− 1 6 8
1 3 9

4 Final answer

2 9 17
3 ~~0~~ ~~7~~
− 1 6 8
1 3 9

307 − 168 = 139
139 is the difference!

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

1. 524 − 287 = 237
2. 734 − 606 = 128
3. 422 − 124 = 298
4. 648 − 192 = 456
5. 612 − 553 = 59
6. 831 − 671 = 160
7. 602 − 554 = 48
8. 981 − 969 = 12
9. 972 − 676 = 296
10. 741 − 272 = 469
11. 555 − 419 = 136
12. 506 − 183 = 323
13. 369 − 195 = 174
14. 431 − 106 = 325
15. 952 − 672 = 280
16. 360 − 177 = 183
17. 816 − 449 = 367
18. 372 − 354 = 18
19. 274 − 149 = 125
20. 681 − 554 = 127

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