

2-Digit Subtraction With Regrouping

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Name: _____

Date: _____

When do I regroup? When the top ones digit is smaller than the bottom one.

47 - 19: you cannot take 9 from 7, so borrow a ten.

The 4 tens become 3 tens, and the 7 ones become 17 ones.

Now subtract each column: $17 - 9 = 8$ and $3 - 1 = 2$.

$$\begin{array}{r} 31 \\ 47 \\ - 19 \\ \hline 28 \end{array}$$

Part A Subtract. Every one of these needs regrouping.

1.
$$\begin{array}{r} 62 \\ - 27 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 45 \\ - 18 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 73 \\ - 36 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 84 \\ - 59 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 51 \\ - 23 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 96 \\ - 48 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 32 \\ - 15 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 92 \\ - 57 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 83 \\ - 29 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 64 \\ - 37 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 91 \\ - 58 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 55 \\ - 26 \\ \hline \end{array}$$

Part B Subtract. Tick whether you had to regroup.

1.
$$\begin{array}{r} 68 \\ - 23 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 42 \\ - 19 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 85 \\ - 67 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 79 \\ - 54 \\ \hline \end{array}$$

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

5.
$$\begin{array}{r} 46 \\ - 15 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 60 \\ - 24 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 71 \\ - 35 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 97 \\ - 62 \\ \hline \end{array}$$

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

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9.
$$\begin{array}{r} 53 \\ - 28 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 58 \\ - 36 \\ \hline \end{array}$$

regroup? ☐ yes ☐ no

regroup? ☐ yes ☐ no

Part C Spot the mistake.

1. Ben worked out $94 - 36$ and wrote 62.

The correct answer is _____

What did Ben do wrong? _____

2. Ava worked out $63 - 28$ and wrote 45.

The correct answer is _____

What did Ava do wrong? _____

3. Sam worked out $70 - 46$ and wrote 30.

The correct answer is _____

What did Sam do wrong? _____

Part D Solve. Show your work if it helps.

1. There are 56 books on the library shelf. Students borrow 29 of them. How many books are still on the shelf?

Answer: _____

2. Noah has 81 marbles. He gives 46 of them to his sister. How many marbles does Noah have left?

Answer: _____

3. A bakery made 74 muffins in the morning and sold 58 of them by lunch. How many muffins were left?

Answer: _____

4. Zoe scored 65 points in a game. Max scored 29 points. How many more points did Zoe score than Max?

Answer: _____

Part E Subtract, then check your answer by adding it back.

1. $93 - 57 =$ _____ Check: $57 +$ _____ ?

2. $41 - 26 =$ _____ Check: $26 +$ _____ ?

3. $72 - 38 =$ _____ Check: $38 +$ _____ ?

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4. $86 - 49 =$ _____ Check: $49 +$ _____ ?

2-Digit Subtraction With Regrouping — ANSWER KEY

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Part A Regrouping shown as you would on the board

1.	$\begin{array}{r} 51 \\ 62 \\ - 27 \\ \hline 35 \end{array}$	2.	$\begin{array}{r} 31 \\ 45 \\ - 18 \\ \hline 27 \end{array}$	3.	$\begin{array}{r} 61 \\ 73 \\ - 36 \\ \hline 37 \end{array}$	4.	$\begin{array}{r} 71 \\ 84 \\ - 59 \\ \hline 25 \end{array}$
5.	$\begin{array}{r} 41 \\ 51 \\ - 23 \\ \hline 28 \end{array}$	6.	$\begin{array}{r} 81 \\ 96 \\ - 48 \\ \hline 48 \end{array}$	7.	$\begin{array}{r} 21 \\ 32 \\ - 15 \\ \hline 17 \end{array}$	8.	$\begin{array}{r} 81 \\ 92 \\ - 57 \\ \hline 35 \end{array}$
9.	$\begin{array}{r} 71 \\ 83 \\ - 29 \\ \hline 54 \end{array}$	10.	$\begin{array}{r} 51 \\ 64 \\ - 37 \\ \hline 27 \end{array}$	11.	$\begin{array}{r} 81 \\ 91 \\ - 58 \\ \hline 33 \end{array}$	12.	$\begin{array}{r} 41 \\ 55 \\ - 26 \\ \hline 29 \end{array}$

Part B Mixed - X marks whether regrouping was needed

1.	$\begin{array}{r} 68 \\ - 23 \\ \hline 45 \end{array}$ regroup? ☐ yes ☒ no	2.	$\begin{array}{r} 31 \\ 42 \\ - 19 \\ \hline 23 \end{array}$ regroup? ☒ yes ☐ no	3.	$\begin{array}{r} 71 \\ 85 \\ - 67 \\ \hline 18 \end{array}$ regroup? ☒ yes ☐ no	4.	$\begin{array}{r} 79 \\ - 54 \\ \hline 25 \end{array}$ regroup? ☐ yes ☒ no
5.	$\begin{array}{r} 46 \\ - 15 \\ \hline 31 \end{array}$ regroup? ☐ yes ☒ no	6.	$\begin{array}{r} 51 \\ 60 \\ - 24 \\ \hline 36 \end{array}$ regroup? ☒ yes ☐ no	7.	$\begin{array}{r} 61 \\ 71 \\ - 35 \\ \hline 36 \end{array}$ regroup? ☒ yes ☐ no	8.	$\begin{array}{r} 97 \\ - 62 \\ \hline 35 \end{array}$ regroup? ☐ yes ☒ no
9.	$\begin{array}{r} 41 \\ 53 \\ - 28 \\ \hline 25 \end{array}$ regroup? ☒ yes ☐ no	10.	$\begin{array}{r} 58 \\ - 36 \\ \hline 22 \end{array}$ regroup? ☐ yes ☒ no				

Part C Spot the mistake

58. Ben took the smaller digit from the larger one in each column instead of looking at which number is on top.
35. Ava regrouped the ones correctly but forgot to drop the tens digit from 6 to 5.
24. Sam treated 0 - 6 as 0. There is nothing in the ones, so a ten has to be traded first.

2-Digit Subtraction With Regrouping — ANSWER KEY

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Part D Word problems

1. $56 - 29 = 27$

2. $81 - 46 = 35$

3. $74 - 58 = 16$

4. $65 - 29 = 36$

Part E Subtract and check

1. $93 - 57 = 36$, check $36 + 57 = 93$

2. $41 - 26 = 15$, check $15 + 26 = 41$

3. $72 - 38 = 34$, check $34 + 38 = 72$

4. $86 - 49 = 37$, check $37 + 49 = 86$

Teaching note: the wrong answer to watch for is Ben's. A student who writes 62 for $94 - 36$ is subtracting the smaller digit from the larger one in each column, which gives the right answer every time regrouping is NOT needed. That is why Part B mixes the two kinds: if a student only ever sees problems that regroup, the habit never gets tested.