

## Addition - Regrouping B

Start with the ones place on the right.

$$\begin{array}{r} 24 \\ +86 \\ \hline \end{array}$$

4 + 6 = 10 ones  
= 0 ones & 1 ten

Write the 0 ones underneath in the ones place and move the new ten above the tens column.

$$\begin{array}{r} 1 \\ 24 \\ +86 \\ \hline 0 \end{array}$$

Now add the tens column including the extra ten (regrouped from the ones place).

1 + 2 + 8 = 11 tens  
= 1 ten & 1 hundred

Since there are no other hundreds to add, just put the extra digit in front.

$$\begin{array}{r} 1 \\ 24 \\ +86 \\ \hline 110 \end{array}$$

Write the sum. Regrouping is needed for SOME problems.

1. 
$$\begin{array}{r} 14 \\ +89 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 33 \\ +78 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 82 \\ +27 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 73 \\ +47 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 46 \\ +97 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 74 \\ +85 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 49 \\ +94 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 24 \\ +38 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 29 \\ +61 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 26 \\ +99 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 69 \\ +59 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 85 \\ +33 \\ \hline \end{array}$$

Addition - Regrouping B

Write the number.

- 1. 3 tens = \_\_\_\_\_
- 2. 2 ones = \_\_\_\_\_
- 3. 5 tens and 2 ones = \_\_\_\_\_
- 4. 62 ones = \_\_\_\_\_
- 5. 4 tens and 13 ones = \_\_\_\_\_
- 6. 7 tens and 21 ones = \_\_\_\_\_
- 7. 5 tens and 45 ones = \_\_\_\_\_
- 8. 6 tens and 17 ones = \_\_\_\_\_
- 9. 3 tens and 68 ones = \_\_\_\_\_

10. Seventy-five boys and sixty-eight girls went to the fair. How many total children went?

Write a number sentence and find the answer.

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11. Forty-three boys and seventy-six girls went to the fair. How many more girls went than boys?

Write a number sentence and find the answer.

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## Addition - Regrouping B

CLASSWORK—TIME CAREFULLY!

Write the sum.

1. 
$$\begin{array}{r} 55 \\ +93 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 444 \\ + 78 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 374 \\ +472 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 675 \\ +199 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 62 \\ +16 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 308 \\ + 93 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 462 \\ +169 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 715 \\ +252 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 82 \\ +98 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 828 \\ + 81 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 707 \\ +243 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 412 \\ +329 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 25 \\ +37 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 675 \\ + 95 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 147 \\ +813 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 654 \\ +246 \\ \hline \end{array}$$

## Addition - Regrouping D

Write the problem vertically and solve.

1. Five thousand eight hundred pencils were made at the factory. Three thousand six hundred were sold to the store. How many pencils are left at the factory?

$$\begin{array}{r} 5800 \\ - 3600 \\ \hline \end{array}$$

\_\_\_\_\_ pencils

2. Two thousand five hundred nine pencils were made at Factory Z. Six thousand seventy-five made at Factory Q. How many pencils total pencils were made at both factories?

$$\begin{array}{r} \_ \_ \_ \_ \\ + \_ \_ \_ \_ \\ \hline \end{array}$$

\_\_\_\_\_ pencils

3. One thousand seven hundred forty-seven pencils are needed at the school. They bought six hundred twenty-seven at the factory. How many more do they need?

$$\begin{array}{r} \_ \_ \_ \_ \\ - \_ \_ \_ \_ \\ \hline \end{array}$$

\_\_\_\_\_ pencils

## Addition - Regrouping D

Write the sum. Put a comma after the thousands place if the answer is 10,000 or over.

$$\begin{array}{r} 1. \quad 9245 \\ +4786 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 7473 \\ + 712 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 3281 \\ +7346 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 2364 \\ + 782 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2378 \\ +6324 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 7623 \\ + 925 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5219 \\ +6257 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7429 \\ + 334 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 8126 \\ +9337 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5259 \\ + 513 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 3251 \\ +4758 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 9214 \\ + 320 \\ \hline \end{array}$$

Subtraction - Ungrouping A

If more ones are needed, you can **UNGROUP** a ten back into 10 ones. The extra ten ones will add to the ones already there.

<p>1 ten = 10 ones</p> <p>We have: 5 tens and 2 ones.</p> <p>This is the same as: 4 tens and 12 ones.</p>	<p><b>TENS</b></p>	<p><b>ONES</b></p>
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Circle and ungroup 1 ten into 10 ones. Draw the ones in the ones column.

<p>We have: ____ tens and ____ ones.</p> <p>This is the same as: ____ tens and ____ ones.</p>	<p><b>TENS</b></p>	<p><b>ONES</b></p>
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<p>We have: ____ tens and ____ ones.</p> <p>This is the same as: ____ tens and ____ ones.</p>	<p><b>TENS</b></p>	<p><b>ONES</b></p>
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## Subtraction - Ungrouping A

Start with the ones place on the right.

$\begin{array}{r} 53 \\ - 26 \\ \hline \end{array}$	<p>You can't subtract 3 - 6. There aren't enough ones on top.</p> <p>Ungroup a ten to create more ones. 3 + 10 = 13 ones 5 - 1 = 4 tens</p>	$\begin{array}{r} 4 \quad 13 \\ \cancel{5} \cancel{3} \\ - 26 \\ \hline \end{array}$	<p>Now subtract.</p> <p>13 - 6 = 7 ones</p> <p>4 - 2 = 2 tens</p>	$\begin{array}{r} 4 \quad 13 \\ \cancel{5} \cancel{3} \\ - 26 \\ \hline 27 \end{array}$
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Write the difference. Ungrouping is needed on SOME problems.

1. 
$$\begin{array}{r} 50 \\ - 34 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 74 \\ - 18 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 37 \\ - 14 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 41 \\ - 27 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 49 \\ - 39 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 60 \\ - 25 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 56 \\ - 18 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 77 \\ - 34 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 61 \\ - 4 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 79 \\ - 8 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 64 \\ - 9 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 40 \\ - 16 \\ \hline \end{array}$$

## Subtraction - Ungrouping A

## CAN BE USED AS A CLASSWORK

Start with the ones place on the right.

$\begin{array}{r} 53 \\ - 26 \\ \hline \end{array}$	<p>You can't subtract 3 - 6. There aren't enough ones on top.</p> <p>Ungroup a ten to create more ones. 3 + 10 = 13 ones 5 - 1 = 4 tens</p>	$\begin{array}{r} 4 \quad 13 \\ \cancel{5} \cancel{3} \\ - 26 \\ \hline \end{array}$	<p>Now subtract.</p> <p>13 - 6 = 7 ones</p> <p>4 - 2 = 2 tens</p>	$\begin{array}{r} 4 \quad 13 \\ \cancel{5} \cancel{3} \\ - 26 \\ \hline 27 \end{array}$
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Write the difference. Ungrouping is needed on SOME problems.

1. 
$$\begin{array}{r} 55 \\ - 37 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 56 \\ - 9 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 90 \\ - 67 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 64 \\ - 32 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 47 \\ - 23 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 65 \\ - 42 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 96 \\ - 8 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 71 \\ - 13 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 30 \\ - 12 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 72 \\ - 45 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 87 \\ - 38 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 26 \\ - 7 \\ \hline \end{array}$$

## Subtraction - Ungrouping D

<p>If more ones are needed, there is another way to ungroup when starting with 0 tens.</p> $\begin{array}{r} 4004 \\ - 1786 \\ \hline \end{array}$	<p>You can group the 4 thousands, 0 hundreds, and 0 tens together as 400 tens and then ungroup 1 ten into ones.</p> $\begin{array}{r} 399 \quad 14 \\ \boxed{4004} \\ - 1786 \\ \hline \end{array}$	<p>Now you can subtract.</p> <p>Tens: <math>400 - 1 = 399</math> Ones: <math>4 + 10 = 14</math></p> $\begin{array}{r} 399 \quad 14 \\ \boxed{4004} \\ - 1786 \\ \hline 2218 \end{array}$
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Write the difference.

$$1. \begin{array}{r} 3001 \\ - 716 \\ \hline \end{array}$$

$$3. \begin{array}{r} 5002 \\ - 868 \\ \hline \end{array}$$

$$5. \begin{array}{r} 6008 \\ - 529 \\ \hline \end{array}$$

$$7. \begin{array}{r} 8009 \\ - 444 \\ \hline \end{array}$$

$$2. \begin{array}{r} 7007 \\ - 4373 \\ \hline \end{array}$$

$$4. \begin{array}{r} 2009 \\ - 1437 \\ \hline \end{array}$$

$$6. \begin{array}{r} 9005 \\ - 4416 \\ \hline \end{array}$$

$$8. \begin{array}{r} 4001 \\ - 2326 \\ \hline \end{array}$$

## Subtraction - Ungrouping D

Write the difference.

1. 
$$\begin{array}{r} 7545 \\ - 2274 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 5659 \\ - 854 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 7002 \\ - 4706 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 5374 \\ - 707 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 8739 \\ - 3037 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 4696 \\ - 909 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 9009 \\ - 5397 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 9430 \\ - 749 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 6000 \\ - 1935 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 8635 \\ - 715 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 5000 \\ - 4999 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 9872 \\ - 734 \\ \hline \end{array}$$