

Double-Digit Addition

Add the ones first. Then add the tens.

Add.

1. **Example**

$$\begin{array}{r} 34 \\ + 52 \\ \hline 86 \end{array}$$

2.

$$\begin{array}{r} 41 \\ + 27 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 23 \\ + 65 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 50 \\ + 39 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 62 \\ + 14 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 15 \\ + 82 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 45 \\ + 32 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 26 \\ + 43 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 71 \\ + 24 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 33 \\ + 46 \\ \hline \end{array}$$

Write each problem in columns, tens under tens. Then add.

11. **Example**

$$53 + 24$$

	tens	ones
	5	3
+	2	4
	7	7

12.

$$36 + 61$$

	tens	ones
+		

13.

$$12 + 75$$

	tens	ones
+		

14.

$$44 + 25$$

	tens	ones
+		

15.

$$81 + 17$$

	tens	ones
+		

Double-Digit Addition

Add the ones. 10 or more ones? Trade 10 ones for a new ten.

1. **Example**

$$\begin{array}{r} 1 \\ 38 \\ + 47 \\ \hline 85 \end{array}$$

2.

$$\begin{array}{r} 26 \\ + 58 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 45 \\ + 36 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 17 \\ + 66 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 53 \\ + 29 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 37 \\ + 23 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 49 \\ + 42 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 28 \\ + 35 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 19 \\ + 76 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 58 \\ + 14 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 46 \\ + 44 \\ \hline \end{array}$$

12.

$$\begin{array}{r} 27 \\ + 47 \\ \hline \end{array}$$

13.

$$\begin{array}{r} 39 \\ + 39 \\ \hline \end{array}$$

14.

$$\begin{array}{r} 75 \\ + 18 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 33 \\ + 59 \\ \hline \end{array}$$

Double-Digit Subtraction

Subtract the ones first. Trade a ten for 10 ones if you need to.

Subtract. There are enough ones on top.

1. **Example**

$$\begin{array}{r} 87 \\ - 34 \\ \hline 53 \end{array}$$

2.

$$\begin{array}{r} 96 \\ - 52 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 75 \\ - 41 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 69 \\ - 27 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 58 \\ - 18 \\ \hline \end{array}$$

Not enough ones on top? Trade a ten for 10 ones. Then subtract.

6. **Example**

$$\begin{array}{r} 5 \text{ } 14 \\ \cancel{6} \cancel{4} \\ - 27 \\ \hline 37 \end{array}$$

7.

$$\begin{array}{r} 81 \\ - 46 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 52 \\ - 38 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 70 \\ - 32 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 94 \\ - 58 \\ \hline \end{array}$$

11.

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

12.

$$\begin{array}{r} 67 \\ - 39 \\ \hline \end{array}$$

13.

$$\begin{array}{r} 50 \\ - 26 \\ \hline \end{array}$$

14.

$$\begin{array}{r} 83 \\ - 55 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 72 \\ - 65 \\ \hline \end{array}$$

Double-Digit Plus & Minus

Add or subtract. Look at the ones to see if you need to trade.

Do you need to trade? Circle yes or no. Then solve.

1. Example

$$\begin{array}{r} 1 \\ 56 \\ + 37 \\ \hline 93 \end{array}$$

Trade? yes no

2.

$$\begin{array}{r} 85 \\ - 42 \\ \hline \end{array}$$

Trade? yes no

3.

$$\begin{array}{r} 74 \\ - 38 \\ \hline \end{array}$$

Trade? yes no

4.

$$\begin{array}{r} 32 \\ + 46 \\ \hline \end{array}$$

Trade? yes no

5.

$$\begin{array}{r} 61 \\ - 24 \\ \hline \end{array}$$

Trade? yes no

6.

$$\begin{array}{r} 47 \\ + 28 \\ \hline \end{array}$$

Trade? yes no

7.

$$\begin{array}{r} 98 \\ - 63 \\ \hline \end{array}$$

Trade? yes no

8.

$$\begin{array}{r} 24 \\ + 63 \\ \hline \end{array}$$

Trade? yes no

Subtract. Then check by adding.

9. Example

$\begin{array}{r} 7\ 12 \\ 82 \\ - 47 \\ \hline 35 \end{array}$	check $\begin{array}{r} 1 \\ 35 \\ + 47 \\ \hline 82 \end{array}$
---	--

10.

$\begin{array}{r} 63 \\ - 36 \\ \hline \end{array}$	check $\begin{array}{r} \\ + 36 \\ \hline \end{array}$
---	--

11.

$\begin{array}{r} 91 \\ - 58 \\ \hline \end{array}$	check $\begin{array}{r} \\ + 58 \\ \hline \end{array}$
---	--

Double-Digit Plus & Minus

Find the missing digits. Solve the stories. Find who is right.

Find the missing digits. Write them in the boxes.

1. Example $\begin{array}{r} 26 \\ + 37 \\ \hline 63 \end{array}$	2. $\begin{array}{r} 53 \\ + 2\boxed{} \\ \hline \boxed{}9 \end{array}$	3. $\begin{array}{r} 7\boxed{} \\ - 29 \\ \hline \boxed{}6 \end{array}$	4. $\begin{array}{r} 92 \\ - \boxed{}5 \\ \hline 3\boxed{} \end{array}$
--	--	--	--

Solve. Show your work.

5. Ana has 36 shells. Her brother gives her 48 more. How many shells does Ana have now? _____ shells	6. There are 71 apples in a basket. Leo gives away 36 of them. How many apples are left? _____ apples
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Who is right? Circle. Then show how you know.

7. 72 - 38 = 46 72 - 38 = 34	Show how you know.
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Double-Digit Addition

Add the ones first. Then add the tens.

Add.

1.

Example

$$\begin{array}{r} 34 \\ + 52 \\ \hline 86 \end{array}$$

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$$\begin{array}{r} 41 \\ + 27 \\ \hline \end{array}$$

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$$\begin{array}{r} 15 \\ + 82 \\ \hline \end{array}$$

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$$\begin{array}{r} 45 \\ + 32 \\ \hline \end{array}$$

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$$\begin{array}{r} 26 \\ + 43 \\ \hline \end{array}$$

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$$\begin{array}{r} 71 \\ + 24 \\ \hline \end{array}$$

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$$\begin{array}{r} 33 \\ + 46 \\ \hline \end{array}$$

Write each problem in columns, tens under tens. Then add.

11.

Example

$$53 + 24$$

	tens	ones
	5	3
+	2	4
	7	7

12.

$$36 + 61$$

	tens	ones
+		

13.

$$12 + 75$$

	tens	ones
+		

14.

$$44 + 25$$

	tens	ones
+		

15.

$$81 + 17$$

	tens	ones
+		

Double-Digit Addition

Add the ones. 10 or more ones? Trade 10 ones for a new ten.

1.

Example

$$\begin{array}{r} 1 \\ 38 \\ + 47 \\ \hline 85 \end{array}$$

2.

$$\begin{array}{r} 26 \\ + 58 \\ \hline \end{array}$$

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$$\begin{array}{r} 28 \\ + 35 \\ \hline \end{array}$$

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$$\begin{array}{r} 19 \\ + 76 \\ \hline \end{array}$$

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$$\begin{array}{r} 58 \\ + 14 \\ \hline \end{array}$$

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$$\begin{array}{r} 46 \\ + 44 \\ \hline \end{array}$$

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$$\begin{array}{r} 27 \\ + 47 \\ \hline \end{array}$$

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$$\begin{array}{r} 39 \\ + 39 \\ \hline \end{array}$$

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$$\begin{array}{r} 75 \\ + 18 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 33 \\ + 59 \\ \hline \end{array}$$

Double-Digit Subtraction

Subtract the ones first. Trade a ten for 10 ones if you need to.

Subtract. There are enough ones on top.

1. **Example**

$$\begin{array}{r} 87 \\ - 34 \\ \hline 53 \end{array}$$

2.

$$\begin{array}{r} 96 \\ - 52 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 75 \\ - 41 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 69 \\ - 27 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 58 \\ - 18 \\ \hline \end{array}$$

Not enough ones on top? Trade a ten for 10 ones. Then subtract.

6. **Example**

$$\begin{array}{r} 5 \text{ } 14 \\ \cancel{6} \cancel{4} \\ - 27 \\ \hline 37 \end{array}$$

7.

$$\begin{array}{r} 81 \\ - 46 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 52 \\ - 38 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 70 \\ - 32 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 94 \\ - 58 \\ \hline \end{array}$$

11.

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

12.

$$\begin{array}{r} 67 \\ - 39 \\ \hline \end{array}$$

13.

$$\begin{array}{r} 50 \\ - 26 \\ \hline \end{array}$$

14.

$$\begin{array}{r} 83 \\ - 55 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 72 \\ - 65 \\ \hline \end{array}$$

Double-Digit Plus & Minus

Add or subtract. Look at the ones to see if you need to trade.

Do you need to trade? Circle yes or no. Then solve.

1. Example

$$\begin{array}{r} 1 \\ 56 \\ + 37 \\ \hline 93 \end{array}$$

Trade? yes no

2.

$$\begin{array}{r} 85 \\ - 42 \\ \hline \end{array}$$

Trade? yes no

3.

$$\begin{array}{r} 74 \\ - 38 \\ \hline \end{array}$$

Trade? yes no

4.

$$\begin{array}{r} 32 \\ + 46 \\ \hline \end{array}$$

Trade? yes no

5.

$$\begin{array}{r} 61 \\ - 24 \\ \hline \end{array}$$

Trade? yes no

6.

$$\begin{array}{r} 47 \\ + 28 \\ \hline \end{array}$$

Trade? yes no

7.

$$\begin{array}{r} 98 \\ - 63 \\ \hline \end{array}$$

Trade? yes no

8.

$$\begin{array}{r} 24 \\ + 63 \\ \hline \end{array}$$

Trade? yes no

Subtract. Then check by adding.

9. Example

$\begin{array}{r} 7\ 12 \\ 82 \\ - 47 \\ \hline 35 \end{array}$	check $\begin{array}{r} 1 \\ 35 \\ + 47 \\ \hline 82 \end{array}$
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10.

$\begin{array}{r} 63 \\ - 36 \\ \hline \end{array}$	check $\begin{array}{r} \\ + 36 \\ \hline \end{array}$
---	--

11.

$\begin{array}{r} 91 \\ - 58 \\ \hline \end{array}$	check $\begin{array}{r} \\ + 58 \\ \hline \end{array}$
---	--

Double-Digit Plus & Minus

Find the missing digits. Solve the stories. Find who is right.

Find the missing digits. Write them in the boxes.

1. Example $\begin{array}{r} 26 \\ + 37 \\ \hline 63 \end{array}$	2. $\begin{array}{r} 53 \\ + 2\boxed{} \\ \hline \boxed{}9 \end{array}$	3. $\begin{array}{r} 7\boxed{} \\ - 29 \\ \hline \boxed{}6 \end{array}$	4. $\begin{array}{r} 92 \\ - \boxed{}5 \\ \hline 3\boxed{} \end{array}$
---	--	--	--

Solve. Show your work.

5. Ana has 36 shells. Her brother gives her 48 more. How many shells does Ana have now? _____ shells	6. There are 71 apples in a basket. Leo gives away 36 of them. How many apples are left? _____ apples
---	--

Who is right? Circle. Then show how you know.

7. $72 - 38 = 46$ $72 - 38 = 34$	Show how you know.
--	--

Double-Digit Addition

Add the ones first. Then add the tens.

Add.

1. **Example**

$$\begin{array}{r} 34 \\ + 52 \\ \hline 86 \end{array}$$

2.

$$\begin{array}{r} 41 \\ + 27 \\ \hline 68 \end{array}$$

3.

$$\begin{array}{r} 23 \\ + 65 \\ \hline 88 \end{array}$$

4.

$$\begin{array}{r} 50 \\ + 39 \\ \hline 89 \end{array}$$

5.

$$\begin{array}{r} 62 \\ + 14 \\ \hline 76 \end{array}$$

6.

$$\begin{array}{r} 15 \\ + 82 \\ \hline 97 \end{array}$$

7.

$$\begin{array}{r} 45 \\ + 32 \\ \hline 77 \end{array}$$

8.

$$\begin{array}{r} 26 \\ + 43 \\ \hline 69 \end{array}$$

9.

$$\begin{array}{r} 71 \\ + 24 \\ \hline 95 \end{array}$$

10.

$$\begin{array}{r} 33 \\ + 46 \\ \hline 79 \end{array}$$

Write each problem in columns, tens under tens. Then add.

11. **Example**

$$53 + 24$$

	tens	ones
	5	3
+	2	4
	7	7

12.

$$36 + 61$$

	tens	ones
	3	6
+	6	1
	9	7

13.

$$12 + 75$$

	tens	ones
	1	2
+	7	5
	8	7

14.

$$44 + 25$$

	tens	ones
	4	4
+	2	5
	6	9

15.

$$81 + 17$$

	tens	ones
	8	1
+	1	7
	9	8

Double-Digit Addition

Add the ones. 10 or more ones? Trade 10 ones for a new ten.

1. **Example**

$$\begin{array}{r} 1 \\ 38 \\ + 47 \\ \hline 85 \end{array}$$

2.

$$\begin{array}{r} 1 \\ 26 \\ + 58 \\ \hline 84 \end{array}$$

3.

$$\begin{array}{r} 1 \\ 45 \\ + 36 \\ \hline 81 \end{array}$$

4.

$$\begin{array}{r} 1 \\ 17 \\ + 66 \\ \hline 83 \end{array}$$

5.

$$\begin{array}{r} 1 \\ 53 \\ + 29 \\ \hline 82 \end{array}$$

6.

$$\begin{array}{r} 1 \\ 37 \\ + 23 \\ \hline 60 \end{array}$$

7.

$$\begin{array}{r} 1 \\ 49 \\ + 42 \\ \hline 91 \end{array}$$

8.

$$\begin{array}{r} 1 \\ 28 \\ + 35 \\ \hline 63 \end{array}$$

9.

$$\begin{array}{r} 1 \\ 19 \\ + 76 \\ \hline 95 \end{array}$$

10.

$$\begin{array}{r} 1 \\ 58 \\ + 14 \\ \hline 72 \end{array}$$

11.

$$\begin{array}{r} 1 \\ 46 \\ + 44 \\ \hline 90 \end{array}$$

12.

$$\begin{array}{r} 1 \\ 27 \\ + 47 \\ \hline 74 \end{array}$$

13.

$$\begin{array}{r} 1 \\ 39 \\ + 39 \\ \hline 78 \end{array}$$

14.

$$\begin{array}{r} 1 \\ 75 \\ + 18 \\ \hline 93 \end{array}$$

15.

$$\begin{array}{r} 1 \\ 33 \\ + 59 \\ \hline 92 \end{array}$$

Double-Digit Subtraction

Subtract the ones first. Trade a ten for 10 ones if you need to.

Subtract. There are enough ones on top.

1. **Example**

$$\begin{array}{r} 87 \\ - 34 \\ \hline 53 \end{array}$$

2.

$$\begin{array}{r} 96 \\ - 52 \\ \hline 44 \end{array}$$

3.

$$\begin{array}{r} 75 \\ - 41 \\ \hline 34 \end{array}$$

4.

$$\begin{array}{r} 69 \\ - 27 \\ \hline 42 \end{array}$$

5.

$$\begin{array}{r} 58 \\ - 18 \\ \hline 40 \end{array}$$

Not enough ones on top? Trade a ten for 10 ones. Then subtract.

6. **Example**

$$\begin{array}{r} 5 \text{ 14} \\ \cancel{6} \cancel{4} \\ - 27 \\ \hline 37 \end{array}$$

7.

$$\begin{array}{r} 7 \text{ 11} \\ \cancel{8} \cancel{1} \\ - 46 \\ \hline 35 \end{array}$$

8.

$$\begin{array}{r} 4 \text{ 12} \\ \cancel{5} \cancel{2} \\ - 38 \\ \hline 14 \end{array}$$

9.

$$\begin{array}{r} 6 \text{ 10} \\ \cancel{7} \cancel{0} \\ - 32 \\ \hline 38 \end{array}$$

10.

$$\begin{array}{r} 8 \text{ 14} \\ \cancel{9} \cancel{4} \\ - 58 \\ \hline 36 \end{array}$$

11.

$$\begin{array}{r} 3 \text{ 15} \\ \cancel{4} \cancel{5} \\ - 18 \\ \hline 27 \end{array}$$

12.

$$\begin{array}{r} 5 \text{ 17} \\ \cancel{6} \cancel{7} \\ - 39 \\ \hline 28 \end{array}$$

13.

$$\begin{array}{r} 4 \text{ 10} \\ \cancel{5} \cancel{0} \\ - 26 \\ \hline 24 \end{array}$$

14.

$$\begin{array}{r} 7 \text{ 13} \\ \cancel{8} \cancel{3} \\ - 55 \\ \hline 28 \end{array}$$

15.

$$\begin{array}{r} 6 \text{ 12} \\ \cancel{7} \cancel{2} \\ - 65 \\ \hline 7 \end{array}$$

Double-Digit Plus & Minus

Add or subtract. Look at the ones to see if you need to trade.

Do you need to trade? Circle yes or no. Then solve.

1. Example $\begin{array}{r} 1 \\ 56 \\ + 37 \\ \hline 93 \end{array}$ Trade? yes no	2. $\begin{array}{r} 85 \\ - 42 \\ \hline 43 \end{array}$ Trade? yes no	3. $\begin{array}{r} 6 \ 14 \\ \cancel{7} \ \cancel{4} \\ - 38 \\ \hline 36 \end{array}$ Trade? yes no	4. $\begin{array}{r} 32 \\ + 46 \\ \hline 78 \end{array}$ Trade? yes no
5. $\begin{array}{r} 5 \ 11 \\ \cancel{6} \ \cancel{1} \\ - 24 \\ \hline 37 \end{array}$ Trade? yes no	6. $\begin{array}{r} 1 \\ 47 \\ + 28 \\ \hline 75 \end{array}$ Trade? yes no	7. $\begin{array}{r} 98 \\ - 63 \\ \hline 35 \end{array}$ Trade? yes no	8. $\begin{array}{r} 24 \\ + 63 \\ \hline 87 \end{array}$ Trade? yes no

Subtract. Then check by adding.

9. Example $\begin{array}{r} 7 \ 12 \\ 82 \\ - 47 \\ \hline 35 \end{array}$ check $\begin{array}{r} 1 \\ 35 \\ + 47 \\ \hline 82 \end{array}$	10. $\begin{array}{r} 5 \ 13 \\ \cancel{6} \ \cancel{3} \\ - 36 \\ \hline 27 \end{array}$ check $\begin{array}{r} 1 \\ 27 \\ + 36 \\ \hline 63 \end{array}$	11. $\begin{array}{r} 8 \ 11 \\ \cancel{9} \ \cancel{1} \\ - 58 \\ \hline 33 \end{array}$ check $\begin{array}{r} 1 \\ 33 \\ + 58 \\ \hline 91 \end{array}$
---	--	--

Double-Digit Plus & Minus

Find the missing digits. Solve the stories. Find who is right.

Find the missing digits. Write them in the boxes.

1.

Example

$$\begin{array}{r} 26 \\ + 37 \\ \hline 63 \end{array}$$

2.

$$\begin{array}{r} 53 \\ + 26 \\ \hline 79 \end{array}$$

3.

$$\begin{array}{r} 75 \\ - 29 \\ \hline 46 \end{array}$$

4.

$$\begin{array}{r} 92 \\ - 55 \\ \hline 37 \end{array}$$

Solve. Show your work.

5. Ana has 36 shells. Her brother gives her 48 more. How many shells does Ana have now?

$$36 + 48 = 84$$

84 shells

6. There are 71 apples in a basket. Leo gives away 36 of them. How many apples are left?

$$71 - 36 = 35$$

35 apples

Who is right? Circle. Then show how you know.

7.



$$72 - 38 = 46$$



$$72 - 38 = 34$$

Show how you know.

$$\text{check: } 34 + 38 = 72$$

$$46 + 38 = 84 \text{ not } 72$$