

Strategies Within 1,000

Make a hundred. Move some from one number to the other.

1. $398 + 145 = \underline{543}$

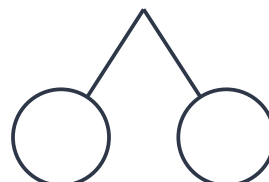


Example

$$398 + \underline{2} = \underline{400}$$

$$\underline{400} + \underline{143} = \underline{543}$$

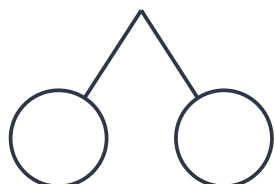
2. $297 + 136 = \underline{\quad}$



$$297 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

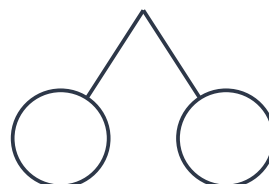
3. $156 + 498 = \underline{\quad}$



$$498 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

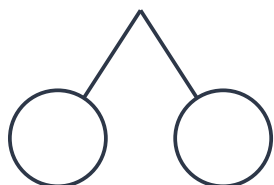
4. $595 + 227 = \underline{\quad}$



$$595 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

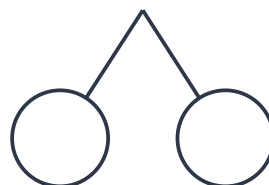
5. $349 + 196 = \underline{\quad}$



$$196 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

6. $699 + 184 = \underline{\quad}$



$$699 + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Strategies Within 1,000

Use a friendly number. Then fix your answer.

1. $503 - 198 = \underline{\quad}$

Example

friendly $503 - 200 = \underline{303}$

I took away 2 too many.

fix $\underline{303} + \underline{2} = \underline{305}$

2. $456 + 299 = \underline{\quad}$

friendly $456 + \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} - \underline{\quad} = \underline{\quad}$

3. $724 - 397 = \underline{\quad}$

friendly $724 - \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} + \underline{\quad} = \underline{\quad}$

4. $368 + 498 = \underline{\quad}$

friendly $368 + \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} - \underline{\quad} = \underline{\quad}$

5. $615 - 299 = \underline{\quad}$

friendly $615 - \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} + \underline{\quad} = \underline{\quad}$

6. $247 + 196 = \underline{\quad}$

friendly $247 + \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} - \underline{\quad} = \underline{\quad}$

7. $832 - 596 = \underline{\quad}$

friendly $832 - \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} + \underline{\quad} = \underline{\quad}$

8. $178 + 395 = \underline{\quad}$

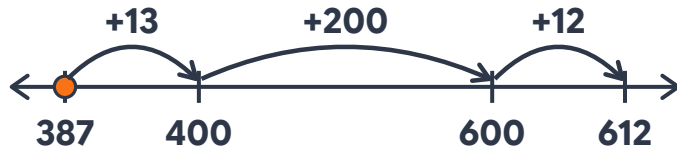
friendly $178 + \underline{\quad} = \underline{\quad}$

fix $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Strategies Within 1,000

Count up from the number you take away. Add the jumps.

1. **Example**



$$612 - 387 = \underline{225}$$

$$\underline{13} + \underline{200} + \underline{12} = \underline{225}$$

$$\text{check: } \underline{225} + 387 = 612$$

2.



$$534 - 268 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{check: } \underline{\quad} + 268 = 534$$

3.



$$803 - 456 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{check: } \underline{\quad} + 456 = 803$$

4.



$$721 - 495 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{check: } \underline{\quad} + 495 = 721$$

5.



$$450 - 175 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{check: } \underline{\quad} + 175 = 450$$

6.



$$915 - 638 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{check: } \underline{\quad} + 638 = 915$$

Strategies Within 1,000

Add in an easier order. Then pick a way to solve.

1. Circle two numbers that make a hundred. Add them first.

Example

$$\begin{array}{r} 1. \quad \textcircled{270} + 145 + \textcircled{30} = 445 \\ \quad \underline{270} + \underline{30} = \underline{300} \\ \quad \underline{300} + \underline{145} = \underline{445} \end{array}$$

$$\begin{array}{r} 2. \quad 288 + 65 + 35 = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \end{array}$$

$$\begin{array}{r} 3. \quad 125 + 340 + 75 = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \end{array}$$

$$\begin{array}{r} 4. \quad 218 + 460 + 40 = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \end{array}$$

$$\begin{array}{r} 5. \quad 350 + 199 + 150 = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \end{array}$$

$$\begin{array}{r} 6. \quad 436 + 80 + 120 = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \\ \quad \quad + \quad \quad = \underline{\quad\quad\quad} \end{array}$$

2. Solve. Use any way you like. Show your work.

Example

$$7. \quad 599 + 276 = \underline{875}$$

One way: make a hundred.

$$599 + 1 = 600$$

$$600 + 275 = 875$$

$$8. \quad 742 - 298 = \underline{\quad\quad\quad}$$

$$9. \quad 805 - 467 = \underline{\quad\quad\quad}$$

$$10. \quad 165 + 480 + 35 = \underline{\quad\quad\quad}$$

Four-Digit Numbers

Add and subtract. Regroup when you need to.

Add.

1.

Example

$$\begin{array}{r} \\ 2457 \\ + 1368 \\ \hline 3825 \end{array}$$

2.

$$\begin{array}{r} 3628 \\ + 2154 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 4375 \\ + 1862 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 1596 \\ + 3847 \\ \hline \end{array}$$

Subtract.

5.

Example

$$\begin{array}{r} 4 3 \\ 5342 \\ - 1728 \\ \hline 3614 \end{array}$$

6.

$$\begin{array}{r} 8364 \\ - 2571 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 6129 \\ - 3456 \\ \hline \end{array}$$

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Add or subtract. Look at the sign.

9.

$$\begin{array}{r} 3709 \\ + 2486 \\ \hline \end{array}$$

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11.

$$\begin{array}{r} 2968 \\ + 4357 \\ \hline \end{array}$$

12.

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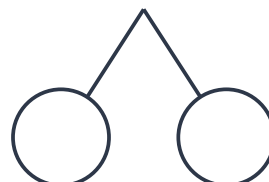


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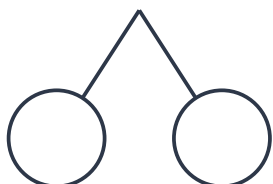
2. $297 + 136 = \underline{\hspace{2cm}}$



$$297 + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$$

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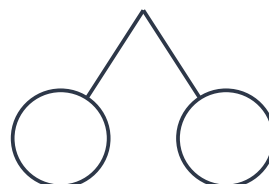
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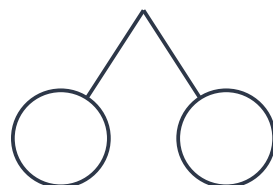
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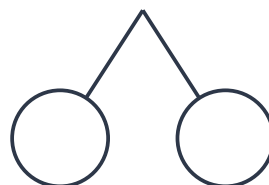
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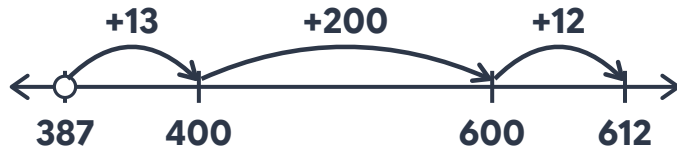
friendly $178 +$ _____ $=$ _____

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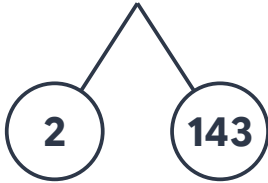
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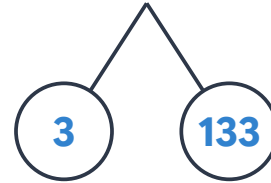


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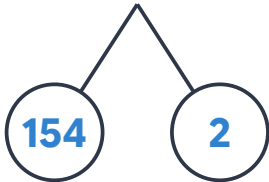
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$$297 + \underline{3} = \underline{300}$$

$$\underline{300} + \underline{133} = \underline{433}$$

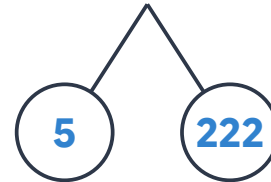
3. $156 + 498 = \underline{654}$



$$498 + \underline{2} = \underline{500}$$

$$\underline{500} + \underline{154} = \underline{654}$$

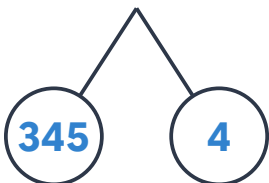
4. $595 + 227 = \underline{822}$



$$595 + \underline{5} = \underline{600}$$

$$\underline{600} + \underline{222} = \underline{822}$$

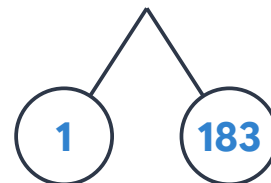
5. $349 + 196 = \underline{545}$



$$196 + \underline{4} = \underline{200}$$

$$\underline{200} + \underline{345} = \underline{545}$$

6. $699 + 184 = \underline{883}$



$$699 + \underline{1} = \underline{700}$$

$$\underline{700} + \underline{183} = \underline{883}$$

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friendly $456 + \underline{300} = \underline{756}$

fix $\underline{756} - \underline{1} = \underline{755}$

3. $724 - 397 = \underline{327}$

friendly $724 - \underline{400} = \underline{324}$

fix $\underline{324} + \underline{3} = \underline{327}$

4. $368 + 498 = \underline{866}$

friendly $368 + \underline{500} = \underline{868}$

fix $\underline{868} - \underline{2} = \underline{866}$

5. $615 - 299 = \underline{316}$

friendly $615 - \underline{300} = \underline{315}$

fix $\underline{315} + \underline{1} = \underline{316}$

6. $247 + 196 = \underline{443}$

friendly $247 + \underline{200} = \underline{447}$

fix $\underline{447} - \underline{4} = \underline{443}$

7. $832 - 596 = \underline{236}$

friendly $832 - \underline{600} = \underline{232}$

fix $\underline{232} + \underline{4} = \underline{236}$

8. $178 + 395 = \underline{573}$

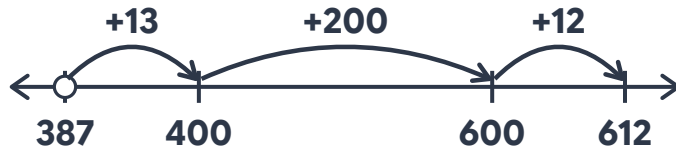
friendly $178 + \underline{400} = \underline{578}$

fix $\underline{578} - \underline{5} = \underline{573}$

Strategies Within 1,000

Count up from the number you take away. Add the jumps.

1. **Example**

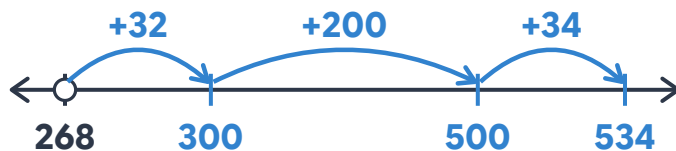


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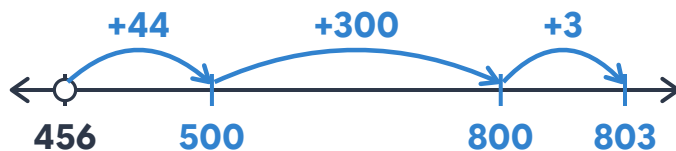


$$534 - 268 = \underline{266}$$

$$\underline{32} + \underline{200} + \underline{34} = \underline{266}$$

$$\text{check: } \underline{266} + 268 = 534$$

3.

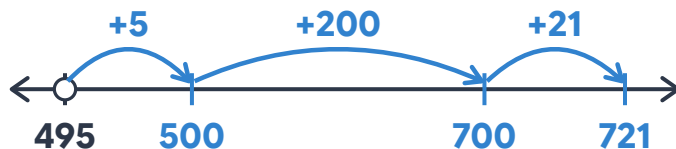


$$803 - 456 = \underline{347}$$

$$\underline{44} + \underline{300} + \underline{3} = \underline{347}$$

$$\text{check: } \underline{347} + 456 = 803$$

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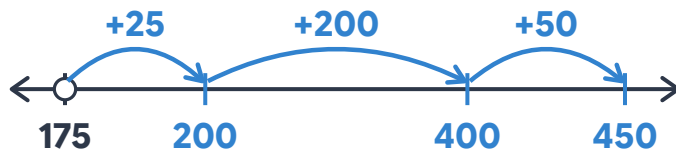


$$721 - 495 = \underline{226}$$

$$\underline{5} + \underline{200} + \underline{21} = \underline{226}$$

$$\text{check: } \underline{226} + 495 = 721$$

5.

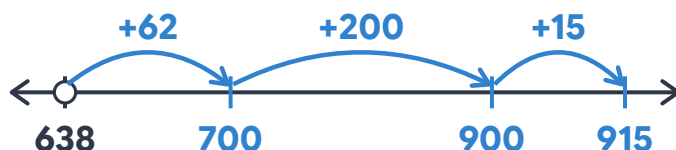


$$450 - 175 = \underline{275}$$

$$\underline{25} + \underline{200} + \underline{50} = \underline{275}$$

$$\text{check: } \underline{275} + 175 = 450$$

6.



$$915 - 638 = \underline{277}$$

$$\underline{62} + \underline{200} + \underline{15} = \underline{277}$$

$$\text{check: } \underline{277} + 638 = 915$$

Strategies Within 1,000

Add in an easier order. Then pick a way to solve.

1. Circle two numbers that make a hundred. Add them first.

Example

$$1. \quad \textcircled{270} + 145 + \textcircled{30} = \underline{445}$$

$$\begin{array}{r} 270 \\ + 30 \\ \hline 300 \end{array} + 145 = \underline{445}$$

$$2. \quad 288 + \textcircled{65} + \textcircled{35} = \underline{388}$$

$$\begin{array}{r} 65 \\ + 35 \\ \hline 100 \end{array} + 288 = \underline{388}$$

$$3. \quad \textcircled{125} + 340 + \textcircled{75} = \underline{540}$$

$$\begin{array}{r} 125 \\ + 75 \\ \hline 200 \end{array} + 340 = \underline{540}$$

$$4. \quad 218 + \textcircled{460} + \textcircled{40} = \underline{718}$$

$$\begin{array}{r} 460 \\ + 40 \\ \hline 500 \end{array} + 218 = \underline{718}$$

$$5. \quad \textcircled{350} + 199 + \textcircled{150} = \underline{699}$$

$$\begin{array}{r} 350 \\ + 150 \\ \hline 500 \end{array} + 199 = \underline{699}$$

$$6. \quad 436 + \textcircled{80} + \textcircled{120} = \underline{636}$$

$$\begin{array}{r} 80 \\ + 120 \\ \hline 200 \end{array} + 436 = \underline{636}$$

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$$7. \quad 599 + 276 = \underline{875}$$

One way: make a hundred.

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One way: use a friendly number.

$$742 - 300 = 442$$

$$442 + 2 = 444$$

$$9. \quad 805 - 467 = \underline{338}$$

One way: count up.

$$467 + 33 = 500$$

$$500 + 305 = 805$$

$$33 + 305 = 338$$

$$10. \quad 165 + 480 + 35 = \underline{680}$$

One way: add in an easier order.

$$165 + 35 = 200$$

$$200 + 480 = 680$$

Four-Digit Numbers

Add and subtract. Regroup when you need to.

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1.

Example

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$$\begin{array}{r} \\ 4375 \\ + 1862 \\ \hline 6237 \end{array}$$

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$$\begin{array}{r} \\ 1596 \\ + 3847 \\ \hline 5443 \end{array}$$

Subtract.

5.

Example

$$\begin{array}{r} \\ 5342 \\ - 1728 \\ \hline 3614 \end{array}$$

6.

$$\begin{array}{r} \\ 8364 \\ - 2571 \\ \hline 5793 \end{array}$$

7.

$$\begin{array}{r} \\ 6129 \\ - 3456 \\ \hline 2673 \end{array}$$

8.

$$\begin{array}{r} \\ 4005 \\ - 1738 \\ \hline 2267 \end{array}$$

Add or subtract. Look at the sign.

9.

$$\begin{array}{r} \\ 3709 \\ + 2486 \\ \hline 6195 \end{array}$$

10.

$$\begin{array}{r} \\ 7000 \\ - 2465 \\ \hline 4535 \end{array}$$

11.

$$\begin{array}{r} \\ 2968 \\ + 4357 \\ \hline 7325 \end{array}$$

12.

$$\begin{array}{r} \\ 9214 \\ - 5387 \\ \hline 3827 \end{array}$$