Adding and Subtracting Within 1000

Spot mistakes, reason, and work backward

Name _____ **Date** _____ **Score** _____ / 8

QUICK REVIEW

Add or subtract hundreds, tens, and ones, regrouping when needed. $268 + 157 = 300 + 110 + 15 = 425$. To subtract $425 - 157$, count up: $157 + 43 = 200$, $200 + 225 = 425$, so $43 + 225 = 268$. Addition checks subtraction: $268 + 157 = 425$.

Worked example

Add $364 + 178$ using place values.

1. Add place-value parts: $300 + 100 = 400$, $60 + 70 = 130$, and $4 + 8 = 12$.

2. Combine and regroup: $400 + 130 + 12 = 542$.

3. Check: $542 - 364 = 178$.

Answer: 542.

Practice Problems

Show your thinking.

1. A student says $279 + 356 = 625$. Find the correct sum and check with subtraction.

2. Find $\square$ in $\square - 458 = 244$.

3. Find $\square$ in $850 - \square = 483$.

4. Find $\square$ in $428 + \square = 713$. Show the subtraction and check.

5. A student reports $901 - 576 = 335$. Correct the difference using addition to check.

6. A student says $367 + 248 = 605$. Find the correct sum and check with subtraction.

7. Find $\square$ in $\square - 283 = 317$.

8. Find $\square$ in $723 - \square = 265$.

Answer Key

1. 635.
2. $\square = 702$.
3. $\square = 367$.
4. $\square = 285$.
5. 325.
6. 615.
7. $\square = 600$.
8. $\square = 458$.

Step-by-Step Solutions

Follow each calculation, then check your own work.

Problem 1

1. Add place-value parts: $200 + 300 = 500$, $70 + 50 = 120$, and $9 + 6 = 15$.
2. Combine and regroup: $500 + 120 + 15 = 635$.
3. Check: $635 - 279 = 356$.

Problem 2

1. Undo subtraction: $244 + 458 = 702$.
2. Check: $702 - 458 = 244$.

Problem 3

1. The removed amount is $850 - 483 = 367$.
2. Check: $850 - 367 = 483$.

Problem 4

1. Subtract the known part: $713 - 428 = 285$.
2. Check by adding: $428 + 285 = 713$.

Problem 5

1. Count up from 576: $576 + 24 = 600$, then $600 + 301 = 901$.
2. The jumps total $24 + 301 = 325$; therefore $901 - 576 = 325$.
3. Check: $576 + 325 = 901$.

Problem 6

1. Add place-value parts: $300 + 200 = 500$, $60 + 40 = 100$, and $7 + 8 = 15$.
2. Combine and regroup: $500 + 100 + 15 = 615$.
3. Check: $615 - 367 = 248$.

Problem 7

1. Undo subtraction: $317 + 283 = 600$.
2. Check: $600 - 283 = 317$.

Problem 8

1. The removed amount is $723 - 265 = 458$.
2. Check: $723 - 458 = 265$.

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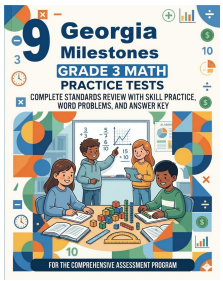

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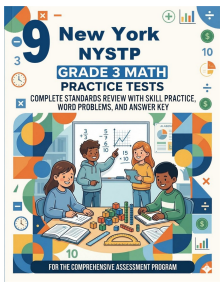

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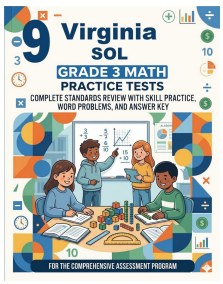

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