Adding and Subtracting Within 1000

Apply the skill to decisions and designs

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 food drive gets 286 cans on Monday and 357 on Tuesday. How many cans arrive in all?

2. A school has 804 sheets of paper and uses 379. How many sheets remain?

3. Jun reads 731 pages. Ada reads 468 pages. How many more pages does Jun read?

4. A display needs 633 paper stars. One class makes 248. How many should the other class make? Check the plan.

5. A food drive gets 527 cans on Monday and 264 on Tuesday. How many cans arrive in all?

6. A school has 950 sheets of paper and uses 586. How many sheets remain?

7. Jun reads 642 pages. Ada reads 287 pages. How many more pages does Jun read?

8. A display needs 727 paper stars. One class makes 469. How many should the other class make? Check the plan.

Answer Key

1. 643 cans.
2. 425 sheets.
3. 263 pages.
4. 385 stars.
5. 791 cans.
6. 364 sheets.
7. 355 pages.
8. 258 stars.

Step-by-Step Solutions

Follow each calculation, then check your own work.

Problem 1

1. Add place-value parts: $200 + 300 = 500$, $80 + 50 = 130$, and $6 + 7 = 13$.
2. Combine and regroup: $500 + 130 + 13 = 643$.
3. Check: $643 - 286 = 357$.

Problem 2

1. Count up from 379: $379 + 21 = 400$, then $400 + 404 = 804$.
2. The jumps total $21 + 404 = 425$; therefore $804 - 379 = 425$.
3. Check: $379 + 425 = 804$.

Problem 3

1. Count up from 468: $468 + 32 = 500$, then $500 + 231 = 731$.
2. The jumps total $32 + 231 = 263$; therefore $731 - 468 = 263$.
3. Check: $468 + 263 = 731$.

Problem 4

1. The unfilled part is $633 - 248 = 385$ stars.
2. The plan makes $248 + 385 = 633$ stars exactly.

Problem 5

1. Add place-value parts: $500 + 200 = 700$, $20 + 60 = 80$, and $7 + 4 = 11$.
2. Combine and regroup: $700 + 80 + 11 = 791$.
3. Check: $791 - 527 = 264$.

Problem 6

1. Count up from 586: $586 + 14 = 600$, then $600 + 350 = 950$.
2. The jumps total $14 + 350 = 364$; therefore $950 - 586 = 364$.
3. Check: $586 + 364 = 950$.

Problem 7

1. Count up from 287: $287 + 13 = 300$, then $300 + 342 = 642$.
2. The jumps total $13 + 342 = 355$; therefore $642 - 287 = 355$.
3. Check: $287 + 355 = 642$.

Problem 8

1. The unfilled part is $727 - 469 = 258$ stars.
2. The plan makes $469 + 258 = 727$ stars exactly.

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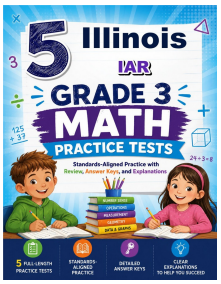

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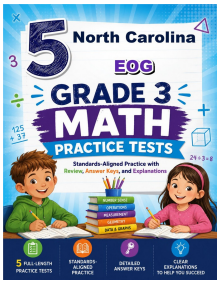

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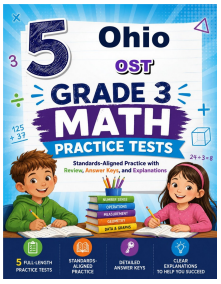

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