Name _____ Date _____

Add 3-Digit Numbers

Example · No regrouping

Find 344 + 124.

$$\begin{array}{r} 344 \\ +\ 124 \\ \hline 468 \end{array}$$

① Add the ones: 4 + 4 = 8.
② Add the tens: 4 + 2 = 6.
③ Add the hundreds: 3 + 1 = 4.
The sum is 468.

1 Find each sum.

a 143 + 202 = _____

b 446 + 201 = _____

c 506 + 212 = _____

d 414 + 142 = _____

Example · Regroup the ones

Find 474 + 217.

$$\begin{array}{r} {\scriptstyle 1} \\ 474 \\ +\ 217 \\ \hline 691 \end{array}$$

① Add the ones: 4 + 7 = 11.
11 ones = 1 ten and 1 one.
Write 1 in the ones place.
② Add the tens: 1 + 7 + 1 = 9.
③ Add the hundreds: 4 + 2 = 6.
The sum is 691.

TIP Sometimes the tens make a new hundred: 10 tens = 1 hundred.

2 Find each sum.

a 418 + 227 = _____

b 252 + 262 = _____

c 544 + 183 = _____

d 325 + 225 = _____

Example · Regroup twice

Find 339 + 191.

$$\begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 339 \\ +\ 191 \\ \hline 530 \end{array}$$

① Add the ones: 9 + 1 = 10.
10 ones = 1 ten and 0 ones.
Write 0 in the ones place.

② Add the tens: 1 + 3 + 9 = 13.
13 tens = 1 hundred and 3 tens.
Write 3 in the tens place.

③ Add the hundreds: 1 + 3 + 1 = 5.
The sum is 530.

3 Find each sum.

a 368 + 155 = _____

b 471 + 289 = _____

c 383 + 268 = _____

d 574 + 199 = _____

CHECK Your sum − one addend = the other addend.

Example · Make 1,000

Find 784 + 216.

$$\begin{array}{r} {\scriptstyle 1\ 1\ \ } \\ 784 \\ +\ 216 \\ \hline 1{,}000 \end{array}$$

① Add the ones: 4 + 6 = 10.
10 ones = 1 ten and 0 ones.
Write 0 in the ones place.

② Add the tens: 1 + 8 + 1 = 10.
10 tens = 1 hundred and 0 tens.
Write 0 in the tens place.

③ Add the hundreds: 1 + 7 + 2 = 10.
10 hundreds = 1 thousand.
The sum is 1,000.

4 Find each sum.

a 366 + 634 = _____

b 884 + 116 = _____

c 582 + 418 = _____

d 704 + 296 = _____

PROBLEM SOLVING

5 A library has 141 fiction books and 159 nonfiction books. How many books does the library have in all?

Answer _____

THINK

6 Leo added 455 + 245 and got 690. What mistake did he make? Write the correct sum.

Answer _____