Name _____ Date _____

Subtract 3-Digit Numbers

Example · No regrouping

Find 496 − 246.

$$\begin{array}{r} 4\,9\,6 \\ -\,2\,4\,6 \\ \hline 2\,5\,0 \end{array}$$

① Subtract the ones: 6 − 6 = 0.
② Subtract the tens: 9 − 4 = 5.
③ Subtract the hundreds: 4 − 2 = 2.
The difference is 250.

1 Find each difference.

a 657 − 155 = _____

b 445 − 344 = _____

c 938 − 231 = _____

d 494 − 311 = _____

Example · Regroup a ten

Find 791 − 455.

$$\begin{array}{r} {\scriptstyle 8\ \ 11} \\ 7\,\cancel{9}\,\cancel{1} \\ -\,4\,5\,5 \\ \hline 3\,3\,6 \end{array}$$

① You cannot subtract 5 ones.
Regroup 1 ten as 10 ones.
Subtract the ones: 11 − 5 = 6.
② Subtract the tens: 8 − 5 = 3.
③ Subtract the hundreds: 7 − 4 = 3.
The difference is 336.

TIP Sometimes you regroup a hundred instead: 1 hundred = 10 tens.

2 Find each difference.

a 759 − 376 = _____

b 355 − 149 = _____

c 819 − 456 = _____

d 933 − 825 = _____

Example · Regroup twice

Find 814 − 175.

$$\begin{array}{r} {\scriptstyle 7\ \ 10\ \ 14} \\ 8\ \cancel{1}\ \cancel{4} \\ -\ 1\ 7\ 5 \\ \hline 6\ 3\ 9 \end{array}$$

① You cannot subtract 5 ones.
Regroup 1 ten as 10 ones.
Subtract the ones: 14 − 5 = 9.

② You cannot subtract 7 tens.
Regroup 1 hundred as 10 tens.
Subtract the tens: 10 − 7 = 3.

③ Subtract the hundreds: 7 − 1 = 6.
The difference is 639.

3 Find each difference.

a 943 − 377 = _____

b 964 − 199 = _____

c 961 − 398 = _____

d 964 − 565 = _____

CHECK Your answer + the number you subtracted = the top number.

Example · Regroup across a zero

Find 701 − 363.

$$\begin{array}{r} {\scriptstyle 6\ \ 9\ \ 11} \\ \cancel{7}\ \cancel{0}\ \cancel{1} \\ -\ 3\ 6\ 3 \\ \hline 3\ 3\ 8 \end{array}$$

① You cannot subtract 3 ones. There are no tens to regroup. Regroup 1 hundred as 10 tens.

② Regroup 1 ten as 10 ones. Subtract the ones: 11 − 3 = 8.

③ Subtract the tens: 9 − 6 = 3.

④ Subtract the hundreds: 6 − 3 = 3. The difference is 338.

4 Find each difference.

a 906 − 718 = _____

b 701 − 507 = _____

c 601 − 434 = _____

d 600 − 288 = _____

PROBLEM SOLVING

5 A school had 723 cartons of milk. The students drank 354 cartons. How many cartons did the school have left?

Answer _____

THINK

6 Leo found 975 − 686 and got 311. What mistake did he make? Write the correct difference.

Answer _____