MATH

3-digit subtraction with regrouping

Name _____ Date _____

I can subtract 3-digit numbers and regroup, even across a zero.

1 How it works

532 − 178: you cannot take 8 from 2, so regroup a ten: 3 tens 2 ones becomes 2 tens 12 ones. 12 − 8 = 4. You cannot take 7 from 2 tens, so regroup a hundred: 12 tens. 12 − 7 = 5. Then 4 − 1 = 3. So 532 − 178 = 354.

H	T	O
4	12	12
~~5~~	~~3~~	~~2~~
− 1	7	8
3	5	4

2 Solve with hundreds, tens and ones

Use the dotted boxes when you regroup.

H	T	O
4	7	2
− 3	4	9

H	T	O
3	4	9
− 1	9	0

H	T	O
8	1	3
− 4	9	8

H	T	O
8	0	4
− 3	6	6

H	T	O
7	2	4
− 5	1	8

H	T	O
6	1	6
− 4	4	1

How did I do? ☆ ☆ ☆

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Practice in columns

Name _____ Date _____

I can subtract 3-digit numbers in columns.

1 Solve

Ones first, then tens, then hundreds.

747 − 180 =	925 − 769 =	505 − 139 =	241 − 107 =	838 − 271 =	952 − 156 =
605 − 388 =	851 − 419 =	608 − 252 =	833 − 655 =	302 − 127 =	373 − 124 =

2 Solve, then check

Add to check: answer + bottom number = top number.

343 − 147 = ☐ **Check:** ☐ + 147 = 343

600 − 241 = ☐ **Check:** ☐ + 241 = 600

832 − 418 = ☐ **Check:** ☐ + 418 = 832

How did I do? ☆ ☆ ☆

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Across and missing numbers

Name _____ Date _____

I can solve 3-digit problems written in different ways.

1 Solve across

Some have a zero in the tens. Regroup a hundred first.

1. 838 − 142 = ☐
2. 325 − 157 = ☐
3. 800 − 214 = ☐
4. 635 − 517 = ☐
5. 518 − 392 = ☐
6. 971 − 782 = ☐
7. 803 − 458 = ☐
8. 930 − 207 = ☐
9. 467 − 276 = ☐
10. 462 − 267 = ☐
11. 302 − 134 = ☐
12. 760 − 645 = ☐

2 Find the missing number

Use addition to help.

323 − ☐ = 175 ☐ − 166 = 236 444 − ☐ = 216

☐ − 174 = 183 755 − ☐ = 369 ☐ − 539 = 263

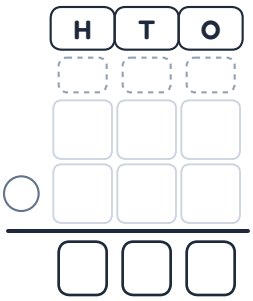
3 Spot the mistake

Mia says 673 − 188 = 515.

Is it right? **yes** **no**

The right answer is ☐

Work it out in the grid.



How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can read a story and write a number sentence.

1 Read, solve, write

Use the space to work it out.

1 A farm picked 275 apples. It sold 128 of them. How many apples are left?

[ ] ◯ [ ] = [ ]

2 A trip is 616 miles long. The family has driven 322 miles. How many miles are left to drive?

[ ] ◯ [ ] = [ ]

3 Zara scored 546 points and Ali scored 249 points. How many more points did Zara score?

[ ] ◯ [ ] = [ ]

4 The school library has 606 books. 159 books are checked out. How many books are still on the shelves?

[ ] ◯ [ ] = [ ]

In the circle, write + or −.

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: 3-digit subtraction with regrouping

1 Page 1

1) 472 − 349 = 123; 2) 349 − 190 = 159; 3) 813 − 498 = 315; 4) 804 − 366 = 438; 5) 724 − 518 = 206; 6) 616 − 441 = 175.

2 Page 2

Solve (across the rows): 1) 567; 2) 156; 3) 366; 4) 134; 5) 567; 6) 796; 7) 217; 8) 432; 9) 356; 10) 178; 11) 175; 12) 249.

Solve, then check: 1) 196, check 196 + 147 = 343; 2) 359, check 359 + 241 = 600; 3) 414, check 414 + 418 = 832.

3 Page 3

Solve across: 1) 696; 2) 168; 3) 586; 4) 118; 5) 126; 6) 189; 7) 345; 8) 723; 9) 191; 10) 195; 11) 168; 12) 115.

Missing numbers: 1) 148; 2) 402; 3) 228; 4) 357; 5) 386; 6) 802.

Spot the mistake: no. 673 − 188 = 485. Mia took the smaller digit from the bigger one instead of regrouping.

4 Page 4: word problems

1) 275 − 128 = 147

2) 616 − 322 = 294

3) 546 − 249 = 297

4) 606 − 159 = 447

5 Teaching tip

The most common mistake is taking the smaller digit from the bigger one in every column. Ask "Is the top digit big enough?" before each step.

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