MATH

# 3-digit addition with regrouping

Name _____ Date _____

**I can add 3-digit numbers and carry when a place makes 10 or more.**

## 1 How it works

Add the ones: 8 + 4 = 12. Write 2 and carry 1 ten to the top of the tens. Add the tens: 1 + 6 + 5 = 12. Write 2 and carry 1 hundred. Add the hundreds: 1 + 3 + 2 = 6. So 368 + 254 = 622.

| H | T | O |
|---|---|---|
| 1 | 1 | |
| 3 | 6 | 8 |
| + 2 | 5 | 4 |
| 6 | 2 | 2 |

## 2 Solve with hundreds, tens and ones

Use the dotted boxes when you carry.

| H | T | O |
|---|---|---|
| | | |
| 3 | 4 | 5 |
| + 6 | 0 | 8 |
| | | |

| H | T | O |
|---|---|---|
| | | |
| 5 | 9 | 6 |
| + 3 | 3 | 0 |
| | | |

| H | T | O |
|---|---|---|
| | | |
| 6 | 4 | 8 |
| + 2 | 7 | 3 |
| | | |

| H | T | O |
|---|---|---|
| | | |
| 8 | 0 | 9 |
| + 1 | 4 | 9 |
| | | |

| H | T | O |
|---|---|---|
| | | |
| 6 | 6 | 9 |
| + 2 | 9 | 0 |
| | | |

| H | T | O |
|---|---|---|
| | | |
| 5 | 9 | 1 |
| + 2 | 1 | 9 |
| | | |

**How did I do?** ☆ ☆ ☆

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# Practice in columns

Name _____ Date _____

**I can add 3-digit numbers in columns.**

## 1 Solve

Ones first, then tens, then hundreds.

| | | | | | |
|---|---|---|---|---|---|
| 434 + 490 = | 387 + 127 = | 706 + 259 = | 477 + 350 = | 259 + 364 = | 718 + 156 = |
| 361 + 443 = | 177 + 225 = | 315 + 577 = | 130 + 377 = | 779 + 125 = | 239 + 358 = |

## 2 Solve, then check

Subtract to check: answer − bottom number = top number.

459 + 297 = ☐ **Check:** ☐ − 297 = 459

649 + 201 = ☐ **Check:** ☐ − 201 = 649

444 + 292 = ☐ **Check:** ☐ − 292 = 444

**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

Line up the places in your head, or write it in columns.

1. 350 + 187 = ☐
2. 464 + 437 = ☐
3. 337 + 615 = ☐
4. 260 + 647 = ☐
5. 266 + 636 = ☐
6. 845 + 117 = ☐
7. 552 + 371 = ☐
8. 573 + 179 = ☐
9. 328 + 139 = ☐
10. 350 + 151 = ☐
11. 198 + 327 = ☐
12. 469 + 511 = ☐

## 2 Find the missing number

Use subtraction to help.

259 + ☐ = 524 ☐ + 129 = 978 650 + ☐ = 941

☐ + 189 = 940 118 + ☐ = 434 ☐ + 231 = 918

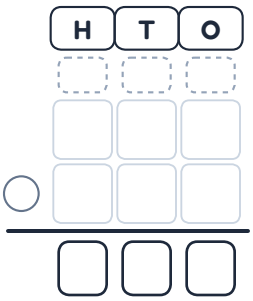
## 3 Spot the mistake

**Mia says 749 + 193 = 832.**

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 236 apples on Monday and 247 apples on Tuesday. How many apples did the farm pick?

[ ] ◯ [ ] = [ ]

**2** A family drove 283 miles on the first day and 221 miles on the second day. How far did they drive?

[ ] ◯ [ ] = [ ]

**3** Zara scored 149 points in a game. Then Zara scored 576 more points. What is Zara's score now?

[ ] ◯ [ ] = [ ]

**4** The school library has 428 books about animals and 402 books about space. How many books is that in all?

[ ] ◯ [ ] = [ ]

In the circle, write + or −.

**How did I do?** ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

# Answer key: 3-digit addition with regrouping

## 1 Page 1

1) 345 + 608 = 953; 2) 596 + 330 = 926; 3) 648 + 273 = 921; 4) 809 + 149 = 958; 5) 669 + 290 = 959; 6) 591 + 219 = 810.

## 2 Page 2

Solve (across the rows): 1) 924; 2) 514; 3) 965; 4) 827; 5) 623; 6) 874; 7) 804; 8) 402; 9) 892; 10) 507; 11) 904; 12) 597.

Solve, then check: 1) 756, check 756 − 297 = 459; 2) 850, check 850 − 201 = 649; 3) 736, check 736 − 292 = 444.

## 3 Page 3

Solve across: 1) 537; 2) 901; 3) 952; 4) 907; 5) 902; 6) 962; 7) 923; 8) 752; 9) 467; 10) 501; 11) 525; 12) 980.

Missing numbers: 1) 265; 2) 849; 3) 291; 4) 751; 5) 316; 6) 687.

Spot the mistake: no. 749 + 193 = 942. Mia forgot to carry.

## 4 Page 4: word problems

1) 236 + 247 = 483

2) 283 + 221 = 504

3) 149 + 576 = 725

4) 428 + 402 = 830

## 5 Teaching tip

Ask "Is it 10 or more?" at every place. Children who say "12 ones is 1 ten and 2 ones" out loud stop forgetting to carry.



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