3-Digit Addition and Subtraction Worksheet for Grade 3

Part 1 · Addition with regrouping

Name ..... **Class** ..... **Date** .....

RULE **Look and learn. You do not write on this box.**

Adding → carry

When a column makes 10 or more, write the ones digit and carry the ten into the next column on the left.

Subtracting → borrow

When the top digit is smaller than the bottom one, take a ten from the column on its left before you subtract.

Always start at the ones column on the right.

A Add. Use the small boxes for your carries.

Start at the ones column. Write the carry in the dashed box above the next column.

1. 3 4 7 + 2 8 5 = ...
2. 2 6 8 + 1 5 7 = ...
3. 4 9 5 + 3 8 6 = ...
4. 1 3 9 + 2 6 4 = ...
5. 5 7 6 + 2 4 8 = ...
6. 1 8 3 + 7 2 9 = ...
7. 2 5 4 + 3 6 8 = ...
8. 4 1 7 + 2 9 5 = ...
9. 1 3 6 + 4 8 7 = ...
10. 3 2 8 + 5 9 4 = ...
11. 4 6 5 + 2 3 8 = ...
12. 2 7 9 + 3 4 5 = ...

Tip Twelve ones is one ten and two ones, so write 2 and carry the 1. Say it out loud as you write it.

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Part 2 · Subtraction with borrowing

B Subtract. Cross out and rewrite when you borrow.

Every question here needs at least one borrow.

13.
$$\begin{array}{r} 523 \\ -\ 167 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 632 \\ -\ 185 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 741 \\ -\ 258 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 814 \\ -\ 376 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 925 \\ -\ 468 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 432 \\ -\ 179 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 651 \\ -\ 283 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 573 \\ -\ 296 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 846 \\ -\ 379 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 362 \\ -\ 185 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 718 \\ -\ 249 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 935 \\ -\ 576 \\ \hline \end{array}$$

25.
$$\begin{array}{r} 452 \\ -\ 198 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 763 \\ -\ 419 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 548 \\ -\ 269 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 927 \\ -\ 538 \\ \hline \end{array}$$

Tip The column you borrow from must drop by one. Cross it out and write the new digit above it.

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Part 3 · Subtracting across a zero

C Subtract. Watch the zeros.

A zero has nothing to lend, so borrow from the next column to its left first.

29.

$$\begin{array}{r} 400 \\ -\ 156 \\ \hline \end{array}$$

30.

$$\begin{array}{r} 700 \\ -\ 264 \\ \hline \end{array}$$

31.

$$\begin{array}{r} 500 \\ -\ 138 \\ \hline \end{array}$$

32.

$$\begin{array}{r} 600 \\ -\ 247 \\ \hline \end{array}$$

33.

$$\begin{array}{r} 305 \\ -\ 168 \\ \hline \end{array}$$

34.

$$\begin{array}{r} 902 \\ -\ 457 \\ \hline \end{array}$$

35.

$$\begin{array}{r} 806 \\ -\ 379 \\ \hline \end{array}$$

36.

$$\begin{array}{r} 704 \\ -\ 538 \\ \hline \end{array}$$

D Do you need to regroup before you subtract?

Check each column from the right. Do not work out the answer.

37. Do you need to regroup?

468 − 235

☐ yes ☐ no

38. Do you need to regroup?

523 − 167

☐ yes ☐ no

39. Do you need to regroup?

879 − 342

☐ yes ☐ no

40. Do you need to regroup?

400 − 156

☐ yes ☐ no

41. Do you need to regroup?

695 − 283

☐ yes ☐ no

42. Do you need to regroup?

731 − 286

☐ yes ☐ no

Tip In 400 − 156, take 1 hundred to make 10 tens, then take 1 of those tens to make 10 ones.

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Part 4 · Using it

E Read and solve.

Decide whether the question asks you to add or to subtract before you start.

43. A library has 346 storybooks and 258 science books. How many books in all?

Answer .....

44. A school had 512 students. 147 left at the end of the year. How many remain?

Answer .....

45. A farmer picked 600 mangoes and sold 238 of them. How many are left?

Answer .....

46. Two villages have 428 and 376 people. How many more live in the larger one?

Answer .....

F Check each subtraction.

Adding the answer back to the number taken away should give you the number you started with.

47. 523 - 167 = 356. Add the answer back to check.

356 + 167 = ...

48. 400 - 156 = 244. Add the answer back to check.

244 + 156 = ...

49. 731 - 286 = 445. Add the answer back to check.

445 + 286 = ...

50. 806 - 379 = 427. Add the answer back to check.

427 + 379 = ...

G Estimate the answer.

Round each number to the nearest 100 first, then add or subtract the rounded numbers.

51. **489 + 312**

Round to the nearest 100 .....

52. **596 − 203**

Round to the nearest 100 .....

53. **347 + 285**

Round to the nearest 100 .....

54. **812 − 395**

Round to the nearest 100 .....

Tip Estimating first tells you whether your real answer is sensible. 347 + 285 is about 600.

Answer Key · 3-Digit Regrouping · Grade 3

For parents and teachers. Remove this page before giving the worksheet to the child.

A · Addition with carrying

1. 632 2. 425 3. 881 4. 403
5. 824 6. 912 7. 622 8. 712
9. 623 10. 922 11. 703 12. 624

B · Subtraction with borrowing

13. 356 14. 447 15. 483 16. 438
17. 457 18. 253 19. 368 20. 277
21. 467 22. 177 23. 469 24. 359
25. 254 26. 344 27. 279 28. 389

C · Across a zero

29. 244 30. 436 31. 362 32. 353
33. 137 34. 445 35. 427 36. 166

D · Regroup or not

37. no 38. yes 39. no
40. yes 41. no 42. yes

E · Read and solve

43. 604 44. 365 45. 362 46. 52

F · Check by adding back

47. 523 48. 400 49. 731 50. 806

G · Estimate

51. 500 + 300 = 800 52. 600 - 200 = 400
53. 300 + 300 = 600 54. 800 - 400 = 400

Note for parents

Section C is the one worth slowing down for. In 400 - 156 the tens column is 0 and has nothing to lend, so your child must take 1 hundred first (leaving 3), turn it into 10 tens, then take 1 of those tens (leaving 9) to make 10 ones. Doing this once with base-ten blocks or bundled straws teaches it far faster than repeating the written method. In Section D the answer is yes whenever any top digit is smaller than the digit beneath it.