

Addition with Carryover of Numbers up to 999

Grade 2

Name: _____ Date: _____ Score: ____/100

Section A: Mental Math (Quick Fire!) ⚡

Solve these in your head!

1. $345 + 8 =$ _____

2. $567 + 9 =$ _____

3. $428 + 7 =$ _____

4. $789 + 6 =$ _____

5. $654 + 5 =$ _____

6. $238 + 9 =$ _____

7. $476 + 8 =$ _____

8. $892 + 9 =$ _____

9. $345 + 7 =$ _____

10. $567 + 4 =$ _____

Section B: Vertical Addition (Column Method) 📊

Solve using the column method. Show your work! (2 marks each = 20 marks)

11.

4 5 8

+ 9

12.

679

+58

13.

387

+69

14.

546

+78

15.

468

+275

16.

589

+346

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17.

6 7 8

+2 8 9

18.

4 9 7

+3 5 8

19.

7 6 8

+1 9 5

20.

8 5 9

+2 7 4

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Section C: Horizontal Addition 12
34

Solve these problems. Write your answer on the line.

21. $467 + 58 =$ _____

22. $589 + 347 =$ _____

23. $678 + 9 =$ _____

$24.745 + 268 = \underline{\hspace{2cm}}$

$25.456 + 87 = \underline{\hspace{2cm}}$

$26.829 + 395 = \underline{\hspace{2cm}}$

$27.567 + 78 = \underline{\hspace{2cm}}$

$28.648 + 476 = \underline{\hspace{2cm}}$

$29.379 + 8 = \underline{\hspace{2cm}}$

$30.758 + 294 = \underline{\hspace{2cm}}$

Section D: Adding Three Numbers 

Add all three numbers together. Show your work!

31. 2 4 7
 3 6 8
 +4 5 9

32. 5 6 8
 2 7 9
 +3 8 6

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$$\begin{array}{r}
 33. \quad 459 \\
 \quad 378 \\
 +295 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 34. \quad 679 \\
 \quad 288 \\
 +367 \\
 \hline
 \hline
 \end{array}$$

$$\begin{array}{r}
 35. \quad 587 \\
 \quad 469 \\
 +298 \\
 \hline
 \hline
 \end{array}$$

Section E: Fill in the Missing Numbers 

Find the missing number to make the addition correct.

$$36. \quad 45 _ + 7 = 465$$

$$37. \quad 3 _ 8 + 67 = 445$$

$$38. \quad _ 67 + 289 = 856$$

$$39. \quad 589 + _ 46 = 935$$

$$40. \quad 6 _ 8 + 275 = 943$$

Section F: Word Problems 

Read carefully and solve. Show your work!

41. Maya collected 456 shells on Monday and 378 shells on Tuesday. How many shells did she collect in total?

Answer: _____ shells

42. A library has 687 books on the first shelf and 249 books on the second shelf. How many books are there altogether?

Answer: _____ books

43. In a school, there are 345 students in the morning shift, 287 students in the afternoon shift, and 198 students in the evening shift. How many students are there in total?

Answer: _____ students

44. A toy shop sold 568 toys in January and 476 toys in February. How many toys did they sell in both months combined?

Answer: _____ toys

45. Rahul has 789 marbles. His friend gave him 156 more marbles. How many marbles does Rahul have now?

Answer: _____ marbles

Section G: Check the Answer Using Subtraction

Check if these additions are correct by using subtraction. Write "Correct" or "Wrong" and show your subtraction work.

46. $456 + 78 = 534$

Check: $534 - 78 =$ _____

Answer: _____ (Correct/Wrong)

47. $689 + 247 = 936$

Check: $936 - 247 =$ _____

Answer: _____ (Correct/Wrong)

48. $578 + 365 = 943$

Check: $943 - 365 =$ _____

Answer: _____ (Correct/Wrong)

49. $467 + 89 = 555$

Check: $555 - 89 =$ _____

Answer: _____ (Correct/Wrong)

50. $759 + 284 = 1043$

Check: $1043 - 284 =$ _____

Answer: _____ (Correct/Wrong)

BONUS SECTION: Challenge Questions! 🏆

Extra credit! Try these difficult problems.

BONUS 1: A farmer harvested 487 apples, 569 oranges, and 378 mangoes. How many fruits did he harvest in total?

Answer: _____ fruits

BONUS 2: Find the missing number:


$4 _ 8$

$36 _$

$+ 2 _ 5$

1089

Missing numbers: _____, _____, _____

 Good Luck! Remember to:

- ✓ Show all your work
 - ✓ Line up the place values correctly
 - ✓ Mark your carries clearly
 - ✓ Check your answers
 - ✓ Take your time and be careful!
-
-
-

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Section A: Mental Math

1. 353
2. 576
3. 435
4. 795
5. 659
6. 247
7. 484
8. 901
9. 352
10. 571

Section B: Vertical Addition

$$\begin{array}{r} 1 \\ 458 \\ + 9 \\ \hline 467 \\ \hline \end{array}$$

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11

679

+58

737

1

387

+69

456

11

546

+78

624

1

468

+275

743

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11

589

+346

935

11

678

+289

967

11

497

+358

855

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1

768

+195

963

11

859

+274

1133

Section C: Horizontal Addition

21.467 + 58 = 525

22.589 + 347 = 936

23.678 + 9 = 687

24.745 + 268 = 1013

25.456 + 87 = 543

26.829 + 395 = 1224

27.567 + 78 = 645

28.648 + 476 = 1124

29.379 + 8 = 387

30.758 + 294 = 1052

Section D: Adding Three Numbers

11

247

368

+459

1074

111

568

279

+386

1233

111

459

378

+295

1132

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1 1 1

6 7 9

2 8 8

+ 3 6 7

1 8 3 4

1 1 1

5 8 7

4 6 9

+ 2 9 8

1 3 5 4

Section E: Fill in the Missing Numbers

36. $4\ 5\ 8 + 7 = 4\ 6\ 5$

37. $3\ 7\ 8 + 6\ 7 = 4\ 4\ 5$

38. $5\ 6\ 7 + 2\ 8\ 9 = 8\ 5\ 6$

39. $5\ 8\ 9 + 3\ 4\ 6 = 9\ 3\ 5$

40. $6\ 6\ 8 + 2\ 7\ 5 = 9\ 4\ 3$

Section F: Word Problems

$$456 + 378 = 834 \text{ shells}$$

1 1

4 5 6

+3 7 8

8 3 4

$$687 + 249 = 936 \text{ books}$$

1 1

6 8 7

+2 4 9

9 3 6

$$345 + 287 + 198 = 830 \text{ students}$$

1 1 1

3 4 5

2 8 7

+1 9 8

8 3 0

$$568 + 476 = 1044 \text{ toys}$$

11

5 6 8

+4 7 6

1 0 4 4

$$789 + 156 = 945 \text{ marbles}$$

1

7 8 9

+1 5 6

9 4 5

Section G: Check Using Subtraction

46. $456 + 78 = 534$

Check: $534 - 78 = 456$ ✓

Answer: Correct

47. $689 + 247 = 936$

Check: $936 - 247 = 689$ ✓

Answer: Correct

$$578 + 365 = 943$$

Check: $943 - 365 = 578$ ✓

Answer: Correct

49. $467 + 89 = 555$

Check: $555 - 89 = 466$ ✗

Answer: Wrong (Correct answer: 556)

50. $759 + 284 = 1043$

Check: $1043 - 284 = 759$ ✓

Answer: Correct

BONUS SECTION: Challenge Questions

BONUS 1: $487 + 569 + 378 = 1434$ fruits

$$\begin{array}{r} 111 \\ 487 \\ 569 \\ + 378 \\ \hline 1434 \end{array}$$

BONUS 2: Missing numbers: 4, 9, 7

Complete solution:

$$\begin{array}{r} 111 \\ 458 \\ 364 \\ + 267 \\ \hline 1089 \end{array}$$

Missing numbers: 5, 4, 6

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