

# Addition by Expanded Column Method

## 2 Digit + 2 Digit

Work out the answers to these calculations using the expanded column method.

1.

$$\begin{array}{r} + 12 \\ 16 \\ \hline \\ \hline \\ \hline \end{array}$$

6.

$$\begin{array}{r} + 23 \\ 14 \\ \hline \\ \hline \\ \hline \end{array}$$

11.

$$\begin{array}{r} + 11 \\ 19 \\ \hline \\ \hline \\ \hline \end{array}$$

16.

$$\begin{array}{r} + 60 \\ 45 \\ \hline \\ \hline \\ \hline \end{array}$$

2.

$$\begin{array}{r} + 20 \\ 33 \\ \hline \\ \hline \\ \hline \end{array}$$

7.

$$\begin{array}{r} + 10 \\ 31 \\ \hline \\ \hline \\ \hline \end{array}$$

12.

$$\begin{array}{r} + 14 \\ 19 \\ \hline \\ \hline \\ \hline \end{array}$$

17.

$$\begin{array}{r} + 20 \\ 88 \\ \hline \\ \hline \\ \hline \end{array}$$

3.

$$\begin{array}{r} + 42 \\ 13 \\ \hline \\ \hline \\ \hline \end{array}$$

8.

$$\begin{array}{r} + 13 \\ 35 \\ \hline \\ \hline \\ \hline \end{array}$$

13.

$$\begin{array}{r} + 38 \\ 36 \\ \hline \\ \hline \\ \hline \end{array}$$

18.

$$\begin{array}{r} + 50 \\ 17 \\ \hline \\ \hline \\ \hline \end{array}$$

4.

$$\begin{array}{r} + 36 \\ 11 \\ \hline \\ \hline \\ \hline \end{array}$$

9.

$$\begin{array}{r} + 22 \\ 27 \\ \hline \\ \hline \\ \hline \end{array}$$

14.

$$\begin{array}{r} + 44 \\ 30 \\ \hline \\ \hline \\ \hline \end{array}$$

19.

$$\begin{array}{r} + 82 \\ 48 \\ \hline \\ \hline \\ \hline \end{array}$$

5.

$$\begin{array}{r} + 36 \\ 41 \\ \hline \\ \hline \\ \hline \end{array}$$

10.

$$\begin{array}{r} + 15 \\ 28 \\ \hline \\ \hline \\ \hline \end{array}$$

15.

$$\begin{array}{r} + 46 \\ 46 \\ \hline \\ \hline \\ \hline \end{array}$$

20.

$$\begin{array}{r} + 56 \\ 99 \\ \hline \\ \hline \\ \hline \end{array}$$

# Addition by Expanded Column Method

## 2 Digit + 2 Digit

Work out the answers to these calculations using the expanded column method.

$$\begin{array}{r} 21 \\ + 44 \\ \hline 38 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 26. \\ + 46 \\ \hline 30 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22. \\ + 62 \\ \hline 88 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 27. \\ + 68 \\ \hline 37 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23. \\ + 30 \\ \hline 26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28. \\ + 85 \\ \hline 75 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24. \\ + 93 \\ \hline 51 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 29. \\ + 14 \\ \hline 43 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25. \\ + 38 \\ \hline 55 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 30. \\ + 78 \\ \hline 69 \\ \hline \\ \hline \end{array}$$

# Answers

Question	Answer
Work out the answers to these calculations using the expanded column method.	
1	28
2	53
3	55
4	47
5	77
6	37
7	41
8	48
9	49
10	43
11	30
12	33
13	74
14	74
15	92

Question	Answer
16	105
17	108
18	67
19	130
20	155
21	82
22	150
23	56
24	144
25	93
26	76
27	105
28	160
29	57
30	147