

$$\begin{array}{r} +8 \\ \hline 2 \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} 7 \\ 1 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 5 \\ 5 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (7) and a ones digit (1). The second addend has a tens digit (5) and a ones digit (5). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} + \\ \begin{array}{c} 1 \\ 6 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 3 \\ 9 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (1) and a ones digit (6). The second addend has a tens digit (3) and a ones digit (9). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} + \\ \begin{array}{c} 1 \\ 1 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 4 \\ 7 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (1) and a ones digit (1). The second addend has a tens digit (4) and a ones digit (7). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} + \\ \begin{array}{c} 2 \\ 3 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 7 \\ 5 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (2) and a ones digit (3). The second addend has a tens digit (7) and a ones digit (5). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 1 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 4 \\ 8 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (6) and a ones digit (1). The second addend has a tens digit (4) and a ones digit (8). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 2 \end{array} \end{array} \quad \begin{array}{r} + \\ \begin{array}{c} 5 \\ 5 \end{array} \end{array}$$

A horizontal addition problem with two addends. The first addend has a tens digit (4) and a ones digit (2). The second addend has a tens digit (5) and a ones digit (5). Below each addend are two empty boxes, one blue and one red, with arrows pointing from the corresponding tens and ones digits to them.

$$\begin{array}{r} +8 \\ -2 \\ \hline \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{3} \quad \boxed{5} \\ \boxed{2} \quad \boxed{6} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{4} \quad \boxed{8} \\ \boxed{3} \quad \boxed{2} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{7} \quad \boxed{3} \\ \boxed{1} \quad \boxed{9} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{4} \quad \boxed{8} \\ \boxed{1} \quad \boxed{5} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{1} \quad \boxed{6} \\ \boxed{6} \quad \boxed{9} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{8} \quad \boxed{3} \\ \boxed{1} \quad \boxed{9} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + 8 \\ \hline 2 \end{array}$$

SUMAR

$$\begin{array}{r} + 2 \\ \hline 3 \end{array}$$

5

6

$$\begin{array}{r} + 1 \\ \hline 5 \end{array}$$

7

4

$$\begin{array}{r} + 1 \\ \hline 1 \end{array}$$

4

7

$$\begin{array}{r} + 1 \\ \hline 2 \end{array}$$

9

5

$$\begin{array}{r} + 1 \\ \hline 3 \end{array}$$

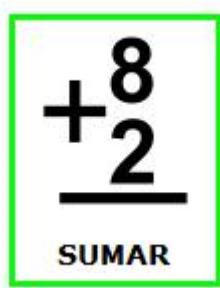
8

4

$$\begin{array}{r} + 1 \\ \hline 4 \end{array}$$

7

5



$$\begin{array}{r} + \\ \begin{array}{c} 8 \\ 2 \end{array} \\ \hline \end{array}$$

+

1	7
5	7

+

$$\begin{array}{r} + \\ \begin{array}{c} 3 \\ 4 \\ 8 \end{array} \\ \hline \end{array}$$

+

3	8
4	8

+

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 1 \\ 6 \end{array} \\ \hline \end{array}$$

+

6	6
1	7

+

$$\begin{array}{r} + \\ \begin{array}{c} 5 \\ 2 \\ 5 \end{array} \\ \hline \end{array}$$

+

5	5
2	5

+

$$\begin{array}{r} + \\ \begin{array}{c} 2 \\ 4 \\ 6 \end{array} \\ \hline \end{array}$$

+

2	6
4	6

+

$$\begin{array}{r} + \\ \begin{array}{c} 1 \\ 3 \\ 9 \end{array} \\ \hline \end{array}$$

+

1	9
3	9

+

$$\begin{array}{r} +8 \\ -2 \\ \hline \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{6} \quad \boxed{9} \\ \boxed{8} \quad \boxed{9} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{8} \quad \boxed{7} \\ \boxed{5} \quad \boxed{9} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{4} \quad \boxed{8} \\ \boxed{9} \quad \boxed{5} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{7} \quad \boxed{5} \\ \boxed{5} \quad \boxed{8} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{9} \quad \boxed{4} \\ \boxed{5} \quad \boxed{6} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} \boxed{} \\ \boxed{0} \quad \boxed{5} \\ \boxed{3} \quad \boxed{5} \end{array} \\ \hline \begin{array}{c} \boxed{} \\ \boxed{} \end{array} \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \boxed{5} \quad \boxed{3} \\ \hline \boxed{0} \quad \boxed{9} \\ \hline \end{array}$$

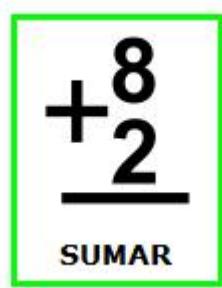
$$\begin{array}{r} + \\ \boxed{6} \quad \boxed{0} \\ \hline \boxed{4} \quad \boxed{9} \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \boxed{2} \quad \boxed{9} \\ \hline \boxed{1} \quad \boxed{0} \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \boxed{2} \quad \boxed{7} \\ \hline \boxed{3} \quad \boxed{5} \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \boxed{6} \quad \boxed{4} \\ \hline \boxed{1} \quad \boxed{8} \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \boxed{4} \quad \boxed{5} \\ \hline \boxed{2} \quad \boxed{5} \\ \hline \end{array}$$



$$\begin{array}{r} + \\ \begin{array}{c} 8 \\ 2 \end{array} \\ \hline \end{array}$$

+

4	9
4	2

+

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 7 \\ 0 \end{array} \\ \hline \end{array}$$

+

6	7
3	0

+

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 7 \\ 8 \end{array} \\ \hline \end{array}$$

+

6	8
7	8

+

$$\begin{array}{r} + \\ \begin{array}{c} 5 \\ 8 \\ 3 \end{array} \\ \hline \end{array}$$

+

5	8
8	3

+

$$\begin{array}{r} + \\ \begin{array}{c} 7 \\ 3 \\ 7 \end{array} \\ \hline \end{array}$$

+

7	4
3	7

+

$$\begin{array}{r} + \\ \begin{array}{c} 3 \\ 2 \\ 0 \end{array} \\ \hline \end{array}$$

+

3	8
2	0

+

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

SUMAR

$$\begin{array}{r} & 6 & 6 \\ + & 4 & 0 \\ \hline \end{array}$$

Diagram illustrating two-digit addition with regrouping. The tens column shows 6 + 4 = 10, where a green box is above the 6 and a blue box is below the 4. The ones column shows 6 + 0 = 6, with a red box to its right. Arrows point from the boxes to the sum boxes below.

$$\begin{array}{r} & 9 & 5 \\ + & 5 & 0 \\ \hline \end{array}$$

Diagram illustrating two-digit addition with regrouping. The tens column shows 9 + 5 = 14, where a green box is above the 9 and a blue box is below the 5. The ones column shows 5 + 0 = 5, with a red box to its right. Arrows point from the boxes to the sum boxes below.

$$\begin{array}{r} & 3 & 8 \\ + & 6 & 0 \\ \hline \end{array}$$

Diagram illustrating two-digit addition with regrouping. The tens column shows 3 + 6 = 9, where a green box is above the 3 and a blue box is below the 6. The ones column shows 8 + 0 = 8, with a red box to its right. Arrows point from the boxes to the sum boxes below.

$$\begin{array}{r} & 4 & 7 \\ + & 3 & 0 \\ \hline \end{array}$$

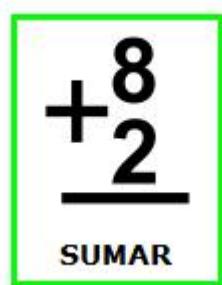
Diagram illustrating two-digit addition with regrouping. The tens column shows 4 + 3 = 7, where a green box is above the 4 and a blue box is below the 3. The ones column shows 7 + 0 = 7, with a red box to its right. Arrows point from the boxes to the sum boxes below.

$$\begin{array}{r} & 6 & 9 \\ + & 9 & 0 \\ \hline \end{array}$$

Diagram illustrating two-digit addition with regrouping. The tens column shows 6 + 9 = 15, where a green box is above the 6 and a blue box is below the 9. The ones column shows 9 + 0 = 9, with a red box to its right. Arrows point from the boxes to the sum boxes below.

$$\begin{array}{r} & 4 & 7 \\ + & 2 & 9 \\ \hline \end{array}$$

Diagram illustrating two-digit addition with regrouping. The tens column shows 4 + 2 = 6, where a green box is above the 4 and a blue box is below the 2. The ones column shows 7 + 9 = 16, where a green box is above the 7 and a blue box is below the 9. Arrows point from the boxes to the sum boxes below.



$$\begin{array}{r} + \\ \begin{array}{c} 8 \\ 2 \end{array} \\ \hline \end{array}$$

+

5	9
4	5

+

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 6 \\ 0 \end{array} \\ \hline \end{array}$$

+

6	3
6	0

+

$$\begin{array}{r} + \\ \begin{array}{c} 3 \\ 4 \\ 8 \end{array} \\ \hline \end{array}$$

+

3	9
4	8

+

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 5 \\ 0 \end{array} \\ \hline \end{array}$$

+

4	7
5	0

+

$$\begin{array}{r} + \\ \begin{array}{c} 8 \\ 8 \\ 5 \end{array} \\ \hline \end{array}$$

+

8	9
8	5

+

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 6 \\ 0 \end{array} \\ \hline \end{array}$$

+

4	6
6	0

+

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

SUMAR

$$\begin{array}{r} & 6 & 4 \\ + & 3 & 0 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 6 and 3, and the red box contains 4 and 0. Arrows point from the 3 and 0 to the boxes below. The result boxes are empty.

$$\begin{array}{r} & 5 & 3 \\ + & 0 & 9 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 5 and 0, and the red box contains 3 and 9. Arrows point from the 0 and 9 to the boxes below. The result boxes are empty.

$$\begin{array}{r} & 1 & 1 \\ + & 0 & 7 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 1 and 0, and the red box contains 1 and 7. Arrows point from the 0 and 7 to the boxes below. The result boxes are empty.

$$\begin{array}{r} & 3 & 9 \\ + & 3 & 0 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 3 and 3, and the red box contains 9 and 0. Arrows point from the 3 and 0 to the boxes below. The result boxes are empty.

$$\begin{array}{r} & 6 & 7 \\ + & 9 & 8 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 6 and 9, and the red box contains 7 and 8. Arrows point from the 9 and 8 to the boxes below. The result boxes are empty.

$$\begin{array}{r} & 5 & 7 \\ + & 2 & 1 \\ \hline \end{array}$$

Diagram illustrating the addition of 8 + 2. The green box above the first column indicates there is no carry. The blue box contains 5 and 2, and the red box contains 7 and 1. Arrows point from the 2 and 1 to the boxes below. The result boxes are empty.

$$\begin{array}{r} +8 \\ \hline 2 \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 2 \end{array} \quad \begin{array}{c} 5 \\ 0 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 4 \end{array} \quad \begin{array}{c} 6 \\ 8 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 1 \\ 1 \end{array} \quad \begin{array}{c} 4 \\ 2 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 8 \end{array} \quad \begin{array}{c} 7 \\ 9 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 3 \end{array} \quad \begin{array}{c} 0 \\ 6 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 8 \\ 6 \end{array} \quad \begin{array}{c} 0 \\ 5 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

SUMAR

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

0	5
3	5

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

6	8
7	1

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

4	0
5	0

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

5	8
2	7

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

7	9
3	7

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

4	3
7	1

$$\begin{array}{r} + \\ 8 \\ \hline 2 \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 5 \end{array} \quad \begin{array}{c} 4 \\ 4 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 4 \end{array} \quad \begin{array}{c} 7 \\ 0 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 6 \end{array} \quad \begin{array}{c} 6 \\ 2 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 9 \end{array} \quad \begin{array}{c} 7 \\ 9 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 3 \end{array} \quad \begin{array}{c} 7 \\ 6 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 7 \\ 2 \end{array} \quad \begin{array}{c} 3 \\ 7 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

SUMAR

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

5	8
0	1

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

3	7
4	6

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

4	9
1	1

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

2	8
5	1

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

6	0
3	8

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

3	8
4	9

$$\begin{array}{r} +8 \\ \hline 2 \end{array}$$

SUMAR

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 4 \end{array} \quad \begin{array}{c} 8 \\ 9 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 6 \end{array} \quad \begin{array}{c} 7 \\ 7 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 6 \\ 5 \end{array} \quad \begin{array}{c} 4 \\ 3 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 5 \\ 0 \end{array} \quad \begin{array}{c} 6 \\ 0 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 5 \\ 9 \end{array} \quad \begin{array}{c} 8 \\ 1 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$

$$\begin{array}{r} + \\ \begin{array}{c} 4 \\ 5 \end{array} \quad \begin{array}{c} 9 \\ 5 \end{array} \\ \hline \begin{array}{c} \text{ } \\ \text{ } \end{array} \quad \begin{array}{c} \text{ } \\ \text{ } \end{array} \end{array}$$