



Using Tens and Ones to Add

How many tens and ones altogether?

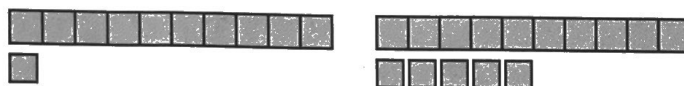
Add.



Two tens rods and three ones units are shown next to one ten rod and two ones units. The equation is $13 + 12 = 25$. The tens and ones are labeled as 2 tens + 5 ones.

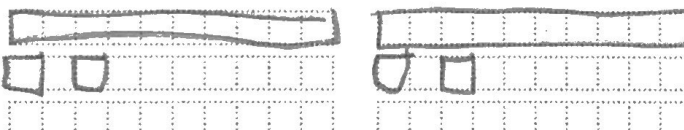


One ten rod and four ones units are shown next to one ten rod and three ones units. The equation is $14 + 13 = 27$. The tens and ones are labeled as 2 tens + 7 ones.




One ten rod and one one unit are shown next to one ten rod and five ones units. The equation is $11 + 15 = 26$. The tens and ones are labeled as 2 tens + 6 ones.

Now draw the blocks and add.



Two tens rods and two ones units are drawn in dotted lines next to two tens rods and two ones units. The equation is $12 + 12 = 24$. The tens and ones are labeled as 2 tens + 4 ones.

Make your own problem.



Two tens rods and two ones units are drawn next to three tens rods. The equation is $22 + 30 = 52$. The tens and ones are labeled as 5 tens + 2 ones.

Add by separating the tens and ones.

$$\begin{array}{r} 23 \\ + 34 \\ \hline \end{array} = \begin{array}{r} 20 + 3 \\ 30 + 4 \\ \hline \end{array}$$

$\boxed{57}$ ← $50 + 7$

$$\begin{array}{r} 34 \\ + 15 \\ \hline \end{array} = \begin{array}{r} 30 + 4 \\ 10 + 5 \\ \hline \end{array}$$

$\boxed{49}$ ← $40 + 9$

$$\begin{array}{r} 27 \\ + 22 \\ \hline \end{array} = \begin{array}{r} 20 + \boxed{7} \\ 20 + \boxed{2} \\ \hline \end{array}$$

$\boxed{49}$ ← $40 + \boxed{9}$

$$\begin{array}{r} 35 \\ + 42 \\ \hline \end{array} = \begin{array}{r} \boxed{30} + \boxed{5} \\ \boxed{40} + \boxed{2} \\ \hline \end{array}$$

$\boxed{77}$ ← $\boxed{70} + \boxed{7}$

$$\begin{array}{r} 15 \\ + 23 \\ \hline \end{array} = \begin{array}{r} \boxed{10} + \boxed{5} \\ \boxed{20} + \boxed{3} \\ \hline \end{array}$$

$\boxed{38}$ ← $\boxed{30} + \boxed{8}$

$$\begin{array}{r} 26 \\ + 13 \\ \hline \end{array} = \begin{array}{r} \boxed{20} + \boxed{6} \\ \boxed{10} + \boxed{3} \\ \hline \end{array}$$

$\boxed{39}$ ← $\boxed{30} + \boxed{9}$

$$\begin{array}{r} 34 \\ + 54 \\ \hline \end{array} = \begin{array}{r} \boxed{30} + \boxed{4} \\ \boxed{50} + \boxed{4} \\ \hline \end{array}$$

$\boxed{88}$ ← $\boxed{80} + \boxed{8}$

$$\begin{array}{r} 26 \\ + 33 \\ \hline \end{array} = \begin{array}{r} \boxed{20} + \boxed{6} \\ \boxed{30} + \boxed{3} \\ \hline \end{array}$$

$\boxed{59}$ ← $\boxed{50} + \boxed{9}$

$$\begin{array}{r} 22 \\ 14 \\ + 21 \\ \hline \end{array} = \begin{array}{r} \boxed{20} + \boxed{2} \\ \boxed{10} + \boxed{4} \\ \boxed{20} + \boxed{1} \\ \hline \end{array}$$

$\boxed{57}$ ← $\boxed{50} + \boxed{7}$

$$\begin{array}{r} 11 \\ 22 \\ + 33 \\ \hline \end{array} = \begin{array}{r} \boxed{10} + \boxed{1} \\ \boxed{20} + \boxed{2} \\ \boxed{30} + \boxed{3} \\ \hline \end{array}$$

$\boxed{66}$ ← $\boxed{60} + \boxed{6}$

Add by using a tens and ones chart.

$$\begin{array}{r} 35 \\ + 32 \\ \hline \end{array}$$

67 ←

tens	ones
3	5
3	2
6	7

$$\begin{array}{r} 24 \\ + 41 \\ \hline \end{array}$$

65 ←

tens	ones
2	4
4	1
6	5

$$\begin{array}{r} 46 \\ + 31 \\ \hline \end{array}$$

77 ←

tens	ones
4	6
3	1
7	7

$$\begin{array}{r} 43 \\ + 23 \\ \hline \end{array}$$

66 ←

tens	ones
4	3
2	3
6	6

$$\begin{array}{r} 27 \\ + 21 \\ + 51 \\ \hline \end{array}$$

99 ←

tens	ones
2	7
2	1
5	1
9	9

$$\begin{array}{r} 31 \\ + 42 \\ + 14 \\ \hline \end{array}$$

87 ←

tens	ones
3	1
4	2
1	4
8	7

	tens	ones
	3	2
+	2	7
	5	9

	tens	ones
	4	8
+	3	1
	7	9

	tens	ones
	5	5
+	2	3
	7	8

	tens	ones
	2	2
+	1	3
	3	5

$$\begin{array}{r} 37 \\ + 22 \\ \hline 59 \end{array}$$

$$\begin{array}{r} 63 \\ + 16 \\ \hline 79 \end{array}$$

$$\begin{array}{r} 25 \\ + 34 \\ \hline 59 \end{array}$$

$$\begin{array}{r} 31 \\ + 62 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 54 \\ + 34 \\ \hline 88 \end{array}$$

$$\begin{array}{r} 23 \\ + 43 \\ \hline 66 \end{array}$$