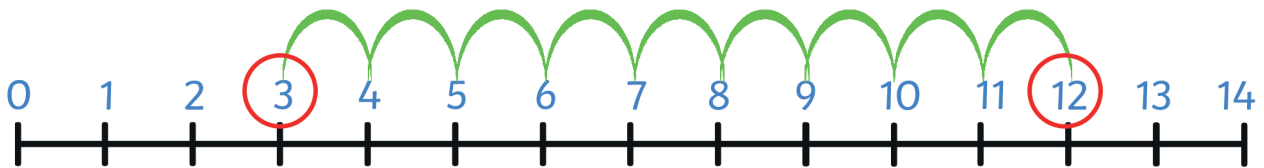


## Addition Strategies

# Number Line

$$3 + 9$$



Draw a number line. Start at 3 and hop 9 hops to find the answer.

$$3 + 9 = 12$$

$$23 + 14$$



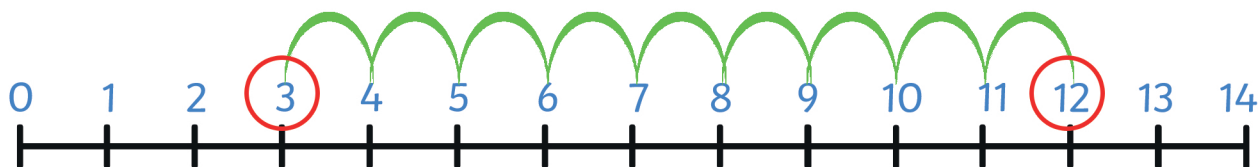
Draw a number line. Start at 23, partition 14 into tens and ones. Do one hop of 10 and then 4 hops of 1 to reach the answer.

$$23 + 14 = 37$$

## Addition Strategies

# Number Line

$$3 + 9$$



Draw a number line. Start at 3 and hop 9 hops to find the answer.

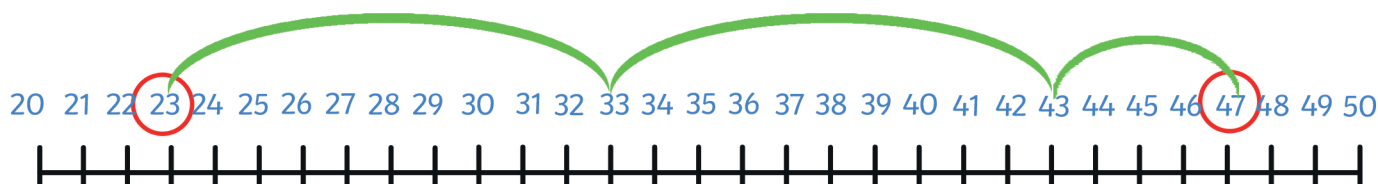
$$3 + 9 = 12$$

$$23 + 24$$



Draw a number line. Start at 23. Partition 24 into 1 hop of 20 and one hop of 4 to get the answer.

or



Draw a number line. Start at 23. Partition 24 into two hops of 10 and 1 hop of 4 to get the answer.

$$23 + 24 = 47$$

## Addition Strategies

# Partitioning

$$52 + 76$$

$$\begin{array}{r} 50 + 2 \\ + 70 + 6 \\ \hline 120 + 8 = 128 \\ \hline \end{array}$$

- Write the numbers underneath each other lining up the tens and ones.
- Partition the tens and ones.
- Add the tens.
- Add the ones.
- Combine the totals.

## Addition Strategies

# Expanded Columns

Write the numbers underneath each other lining up the tens and ones.

$$\begin{array}{r} 54 \\ + 68 \\ \hline \end{array}$$

Add the ones.

$$12$$

Add the tens.

$$+110$$

Combine your ones and tens.

Line up any hundreds.

$$122$$

# Addition: Column Method

1

$$\begin{array}{r} 34 \\ + 57 \\ \hline \\ \hline \end{array}$$

Place the numbers one on top of the other, lining up the tens and ones.

2

$$\begin{array}{r} 34 \\ + 57 \\ \hline 1 \\ \hline \end{array}$$

Add the ones and write the answer under the ones.

3

$$\begin{array}{r} 34 \\ + 57 \\ \hline 1 \\ \hline 1 \end{array}$$


Regroup any tens to the tens column.

4

$$\begin{array}{r} 34 \\ + 57 \\ \hline 91 \\ \hline 1 \end{array}$$

Add the tens including any tens you've regrouped.

5


$$\begin{array}{r} 34 \\ + 57 \\ \hline 91 \\ \hline \end{array}$$

Check your answer.

