

Model and Record 2-Digit Addition

How to add two two-digit numbers (for example $29 + 33$).

If the numbers are arranged vertically, they are in a format ready to be added.

$$\begin{array}{r} 29 \\ 33 \\ \hline \end{array}$$

Add the ones' place digits ($9 + 3 = 12$). This sum is a two-digit number, so place a one above the tens' place column and place the two below the line in the ones' place column.

$$\begin{array}{r} | \\ 29 \\ 33 \\ \hline 2 \end{array}$$

Add the tens' place digits ($1 + 2 + 3 = 6$) and place the answer below the line in the tens' place column.

$$\begin{array}{r} 29 \\ 33 \\ \hline 62 \end{array}$$

Examples:

A) Write the sum

$$\begin{array}{r} \text{Tens} \qquad \text{Ones} \\ | \\ 6 \qquad \qquad 4 \\ + 2 \qquad \qquad 8 \\ \hline 9 \qquad \qquad 2 \end{array}$$

$$\begin{array}{r} \text{Tens} \qquad \text{Ones} \\ | \\ 4 \qquad \qquad 5 \\ + 3 \qquad \qquad 6 \\ \hline 8 \qquad \qquad 1 \end{array}$$

My Real Life

A) Anna has 17 tulips and 15 roses in her garden. How many flowers does she have in all?

$$\begin{array}{r} \text{Tens} \qquad \text{Ones} \\ | \\ 1 \qquad \qquad 7 \\ + 1 \qquad \qquad 5 \\ \hline 3 \qquad \qquad 2 \end{array}$$



$$17 + 15 = 32 \text{ flowers}$$