

# ++ Addition ++

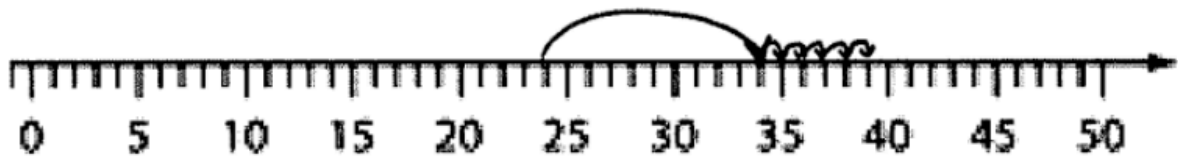
1. I can add two single-digit numbers on a number line.

$6 + 3$ : Start at the highest number and jump on in ones.

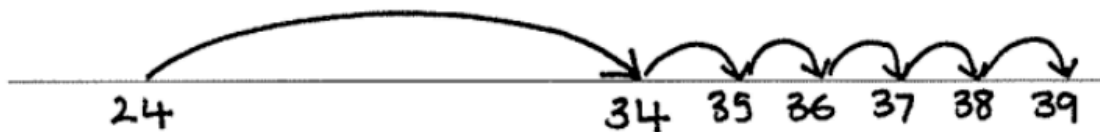


2. I can add a teen number to a number under 50 on a number line, jumping in tens, then units.

$24 + 15$ : Start at the highest number and jump in tens and ones



Moving on to...



3. I can add TU numbers under 50 on a number line, jumping in tens, then units.

$$36 + 23$$



3a. I can add TU using partitioning. (NB: This method may be taught before moving onto rung 4 in Years 3 and 4)

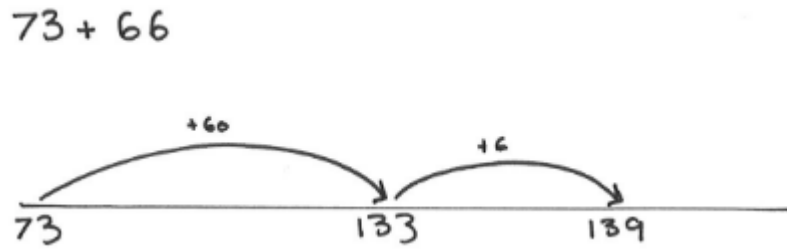
$$36 + 23$$

$$30 + 20 = 50$$

$$6 + 3 = 9$$

$$50 + 9 = 59.$$

4. I can add TU numbers above 50 on a number line, jumping in tens, then units.



4a. I can add TU + TU using a partitioning column method. (NB: This method may be taught before moving onto rung 5 in Years 3 and 4)

$$\begin{array}{r} 80 \quad 3 \\ + 40 \quad 2 \\ \hline \end{array}$$

5 (3 + 2)  
+ 120 (80 + 40)

$$\hline 125$$

5. I can add TU + TU using the expanded column method.

$$\begin{array}{r} 83 \\ + 42 \\ \hline \end{array}$$

5 (3 + 2)  
+ 120 (80 + 40)

$$\hline 125$$

6. I can add HTU + HTU numbers below 500 using the expanded column method.

$$\begin{array}{r} 368 \\ + 493 \\ \hline \end{array}$$

11 (*add the units first*)  
150 (*next, add the tens*)  
+ 700 (*then add the units*)

$$\hline 861$$

7. I can add HTU + HTU numbers above 500 using the expanded column method.

$$\begin{array}{r} 568 \\ + 693 \\ \hline 11 \\ 150 \\ + 1100 \\ \hline 1161 \end{array}$$

8. I can add HTU + HTU using the standard column method.

$$\begin{array}{r} 368 \\ + 491 \\ \hline 859 \\ 1 \end{array}$$

9. I can add decimal numbers using the standard column method.

$$\begin{array}{r} 368.23 \\ + 491.43 \\ \hline 859.66 \\ 1 \end{array}$$

10. I can add a mixture of whole and decimal numbers using the standard column method.

(Don't forget to line up the columns correctly!)

$$\begin{array}{r} 368 \\ + 491.43 \\ \hline 859.43 \\ 1 \end{array}$$

11. I can add any numbers using the standard column method.

$$\begin{array}{r} 2368.6 \\ + 6491.43 \\ \hline 8860.03 \\ 1\ 1\ 1 \end{array}$$