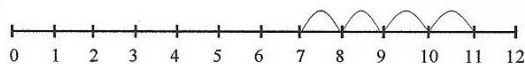


A

**Stage 1 -**

Using number lines to count on ones.

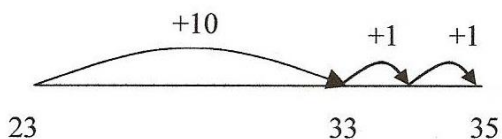
$$7 + 4 = 11$$



D

**Stage 2 -**

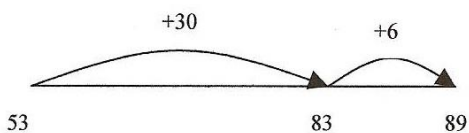
$$\begin{aligned}
 23 + 12 &= 23 + 10 + 1 + 1 \\
 &= 33 + 1 + 1 \\
 &= 35
 \end{aligned}$$



D

**Stage 3 -**

Partition into tens and ones and recombine.



I

**Stage 4 -**

$$83 + 42 = 125$$

$$\begin{array}{r}
 80 + 3 \\
 + 40 + 2 \\
 \hline
 120 + 5 = 125
 \end{array}$$

Progress to:

$$\begin{array}{r}
 83 \\
 +42 \\
 \hline
 5 \\
 \hline
 120 \\
 \hline
 125
 \end{array}$$

T

I

O

N

**Stage 5 -**

Formal method, showing numbers carried underneath.

$$\begin{array}{r}
 358 \\
 + 73 \\
 \hline
 431 \\
 \hline
 11
 \end{array}$$

Extend to numbers with any number of digits and decimals with 1 and 2 decimal places.