

Stage 1 *Using objects to
count 2 groups*

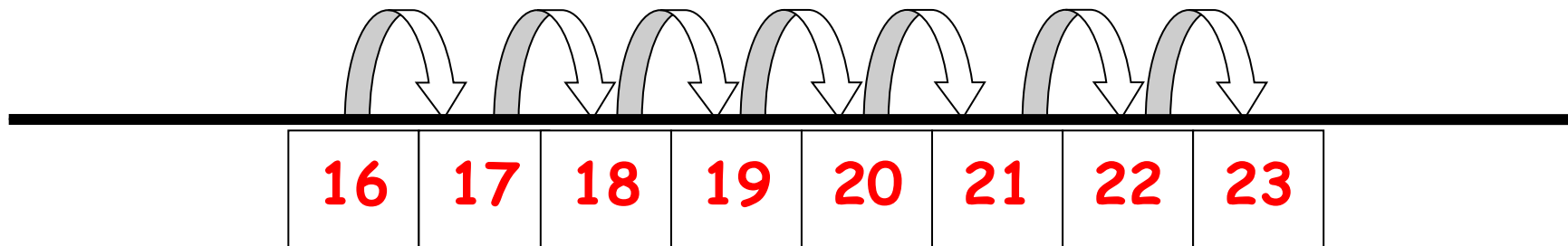
$$3 + 4 = 7$$



Stage 2

Using a number line to count on

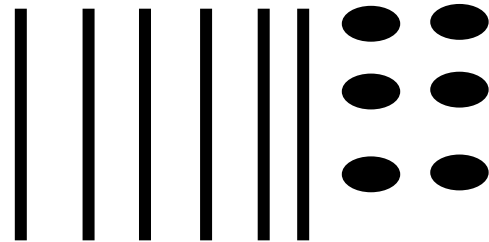
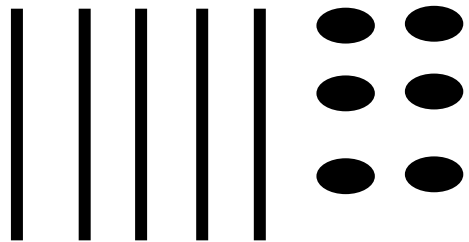
$$16 + 7 = 23$$



Stage 3a

*Tens and
Ones*

$$56 + 67 = 123$$



Stage 3b

*Partition and
recombine*

$$56 + 67 = 123$$

$$6 + 7 = 13$$

$$50 + 60 = 110$$

$$110 + 13 = 123$$

Stage 4

*Partition and
recombine*

$$\begin{array}{r} 493 \\ + \underline{368} \\ 11 \text{ (} 3 + 8 \text{)} \\ 150 \text{ (} 90 + 60 \text{)} \\ \underline{700 \text{ (} 400 + 300 \text{)}} \\ 861 \end{array}$$

$$368 + 493 = 861$$

Stage 5 *Least significant
digit first*

$$\begin{array}{r} 493 \\ + \underline{368} \\ 11 \\ 150 \\ \underline{700} \\ \underline{861} \end{array}$$

$$368 + 493 = 861$$

Stage 6

*Carrying below
the line*

$$\begin{array}{r} 493 \\ + 368 \\ \hline 861 \\ \hline 11 \end{array}$$

$$368 + 493 = 861$$

Early Stage *Pre-requisite skills*

Counting from 0



Counting from numbers other than 0



Understanding of the number system

Language

add
more than
larger
plus