

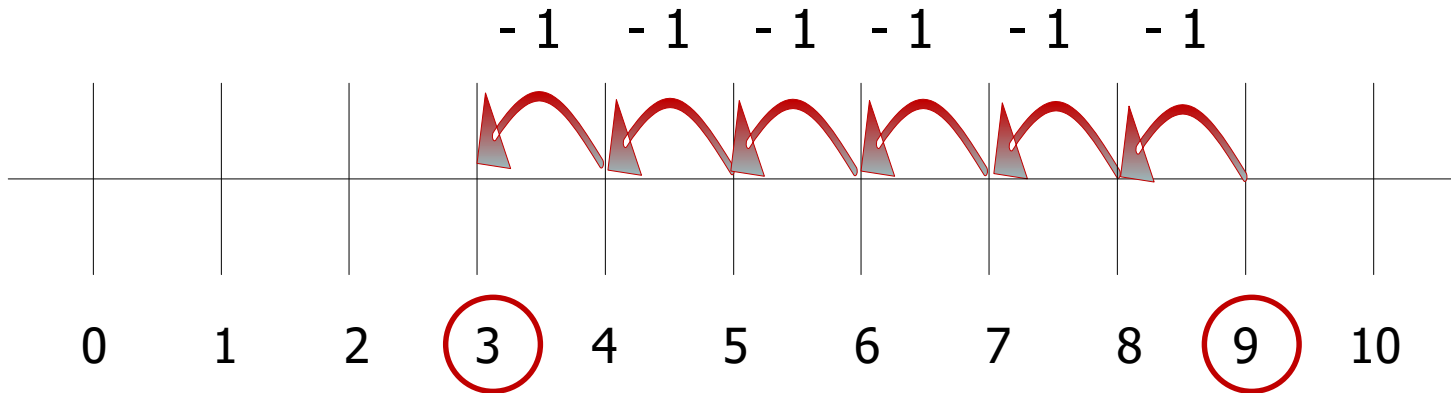
Pegasus Calculation Policy for subtraction

Year 1

Subtraction on a number line

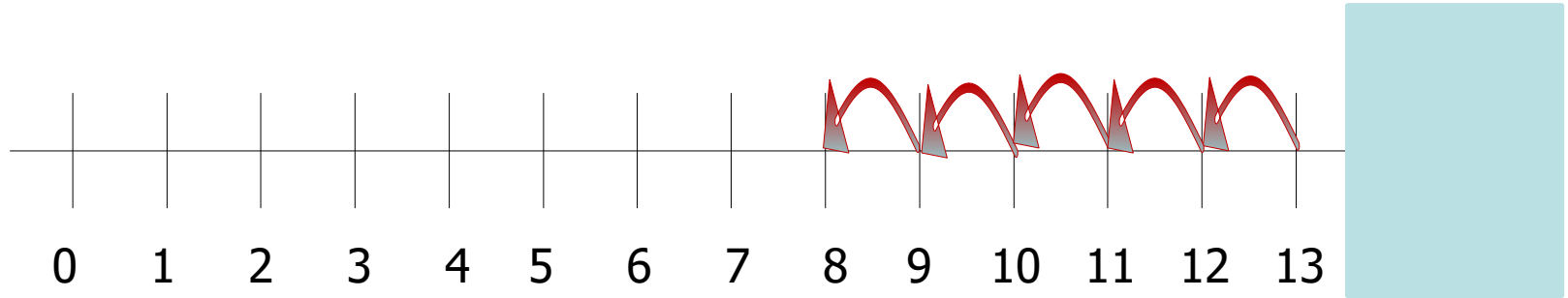
Subtraction on a number line 0 - 0

$$9 - 6 = 3$$



Subtraction on a number line TO - 0

$$13 - 5 = 8$$

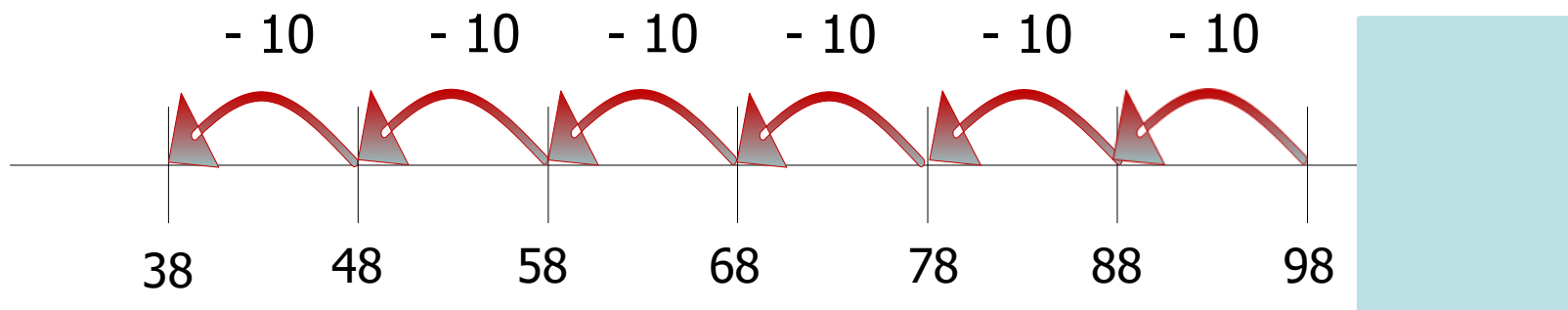


Year 2

Subtraction on an empty number line

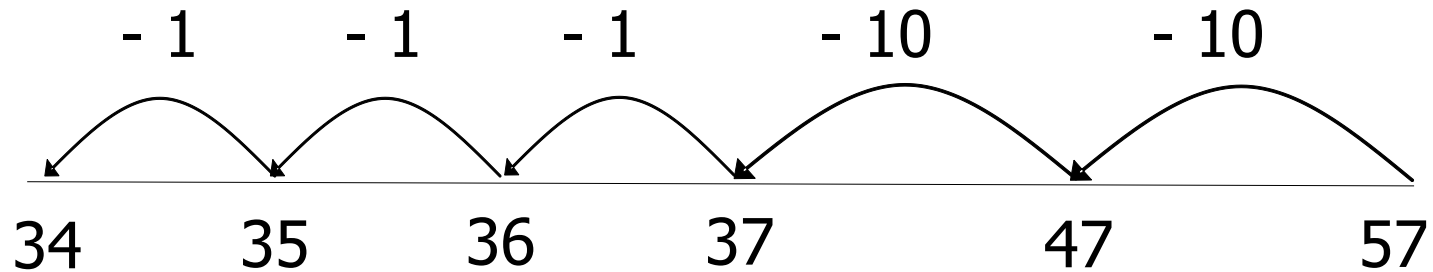
TO – TO multiples of ten

$$98 - 60 = 38$$



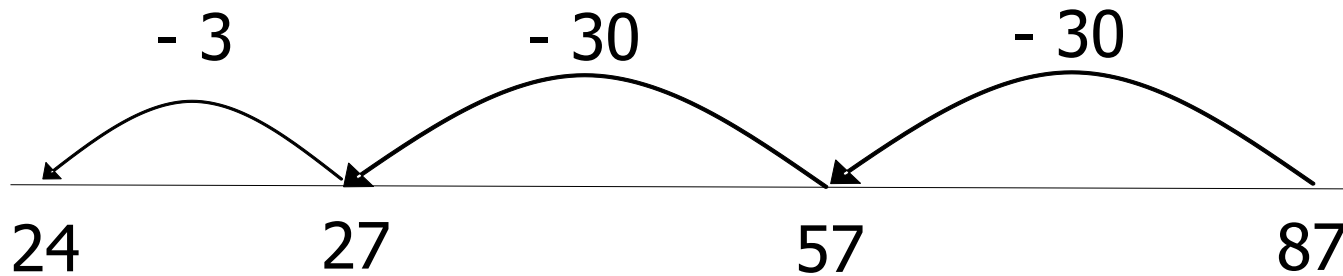
TO – TO *with partitioning*

$$\begin{array}{r} \text{T O} \quad \text{T O} \\ 57 - 23 = 34 \\ \quad \swarrow \quad \searrow \\ \quad 20 \quad 3 \end{array}$$



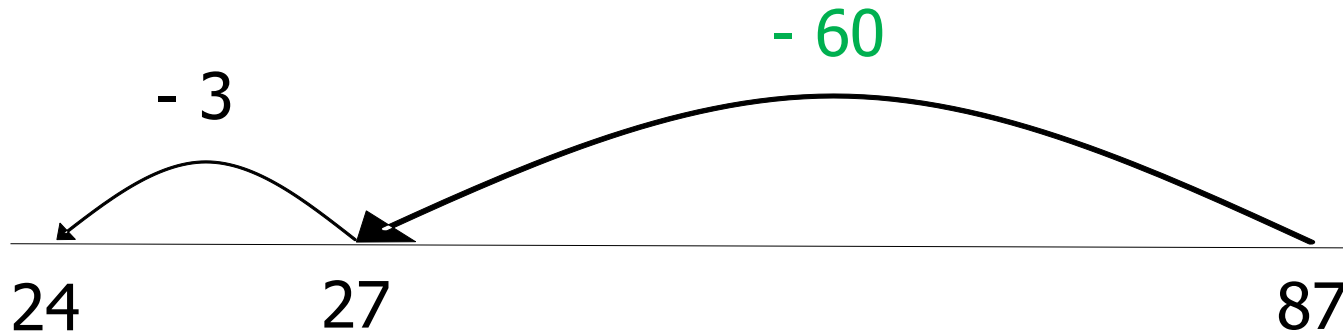
TO – TO *with partitioning*

$$\begin{array}{r} \text{T O} \quad \text{T O} \\ 87 - 63 = 24 \\ \quad \swarrow \quad \searrow \\ \quad 60 \quad 3 \end{array}$$



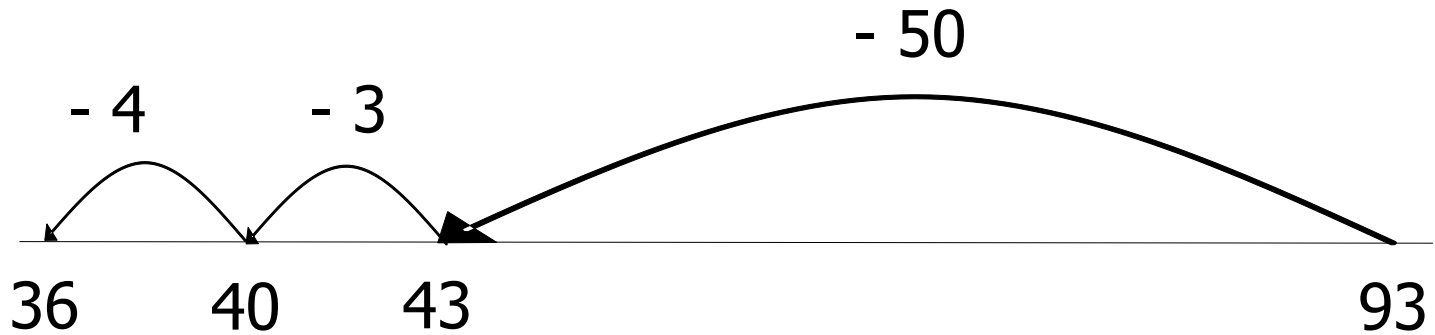
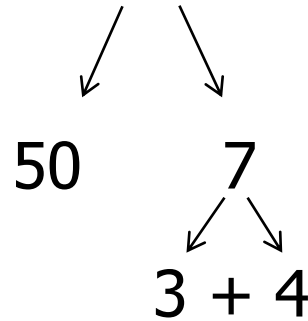
TO – TO *with partitioning*

$$\begin{array}{r} \text{T O} \quad \text{T O} \\ 87 - 63 = 24 \end{array}$$



An opportunity to participate

$$\begin{array}{r} \text{T O} \\ 93 \end{array} - \begin{array}{r} \text{T O} \\ 57 \end{array} = 36$$



Year 3

Expanded column subtraction

Expanded column subtraction

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 4 \quad 6 \\ - 1 \quad 1 \quad 7 \\ \hline 2 \quad 2 \quad 9 \end{array}$$

$$\begin{array}{r} + 30 + 16 \\ 3 + \cancel{40} + \cancel{6} \\ - 1 + 10 + 7 \\ \hline 2 + 20 + 9 \\ \hline = 2 9 \end{array}$$

Expanded column subtraction

$$\begin{array}{r r r} \text{H} & \text{T} & \text{O} \\ 4 & 2 & 6 \\ - 2 & 3 & 8 \\ \hline \end{array} = 188$$

$$\begin{array}{r r r} & 1 & 1 & 0 \\ & 3 & 0 & 0 \\ - & 4 & 0 & 0 \\ + & 2 & 0 & 0 \\ \hline & 1 & 0 & 0 \\ + & 8 & 0 & 0 \\ + & & & 8 \\ \hline & 1 & 8 & 8 \end{array}$$

An opportunity to participate

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 3 \quad 7 \\ - 2 \quad 4 \quad 9 \\ \hline 2 \quad 8 \quad 8 \end{array}$$

$$\begin{array}{r} 400 \quad 20 \quad 17 \\ - 500 + 30 + 7 \\ - 200 + 40 + 9 \\ \hline 200 + 80 + 8 \\ \hline = 288 \end{array}$$

Year 4

Compact column subtraction

Column subtraction *with exchange*

$$\begin{array}{r} 78\overset{8}{\cancel{9}}\overset{1}{2} \\ - 5438 \\ \hline 2454 \end{array}$$

An opportunity to participate

$$\begin{array}{r} \overset{4}{\cancel{5}^1} 2 8 2 \overset{3}{\cancel{4}^1} 5 \\ - 2 5 4 1 2 8 \\ \hline 2 7 4 1 1 7 \end{array}$$

Year 5

Children are expected to subtract two numbers with up to six digits.

Year 6

Children are expected to be confident with numbers up to ten million.