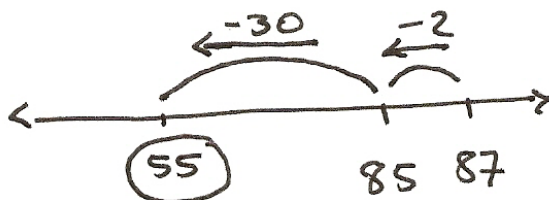


Subtraction in 3rd Grade

Jump Back to Subtract

Jump Back by 1's and 10's

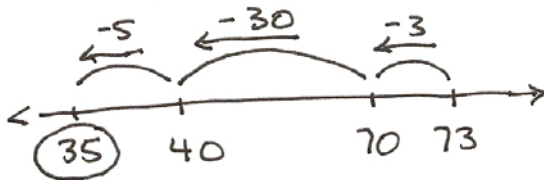
$$87 - 32$$



87 - 32
 "I know $87 - 2 = 85$
 And $85 - 30 = 55$ "

Jumping Back
Using Friendly Numbers

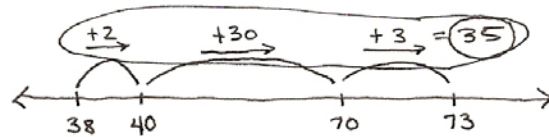
$$73 - 38$$



"I know $38 = 30 + 8$
 And $8 = 5 + 3$
 So $73 - 3 = 70$
 And $70 - 30 = 40$
 And $40 - 5 = 35$ "

Jumping Up to Subtract

$$73 - 38$$



I think, " $38 + \text{what} = 73$?"
 $38 + 2 = 40$
 And $40 + 30 = 70$
 $70 + 3 = 73$.
 I jumped $2 + 30 + 3$. That's **35**
 That means $38 + 35 = 73$
 So $73 - 38 = 35$

Splitting to Subtract

Using Expanded Notation

$$\begin{array}{r} 73 \\ -38 \\ \hline \end{array} \quad \begin{array}{r} 60 \quad 13 \\ 70 \quad 3 \\ 30 \quad 8 \\ \hline 30 + 5 = 35 \end{array}$$

Showing How Numbers Split

$$523 - 247 = 276$$

