

SUBTRACTION STRATEGIES

USE A KNOWN FACT

FACT $8 - 5 = 3$
 SO
 $68 - 5 = 63$

Think Doubles to Subtract

$40 - 20$ $60 - 30$
 $48 - 24$

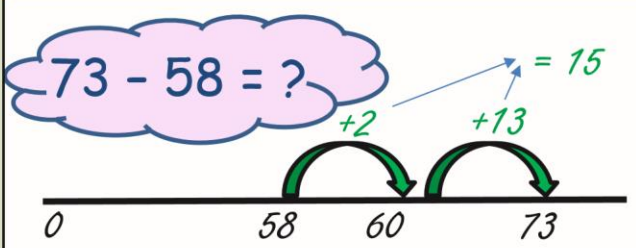
Near Double

$60 - 31$ $32 - 15$
 $220 - 111$
 $84 - 43$




Add-Up-to-Subtract!

$73 - 58 = ?$




$73 - 58 = 15$

Partition through the decuple	Bridge the decuple
$42 - 7$ $= 42 - (2 - 5)$ $= 35$	 $234 - 8$ $= 234 - (4 - 4)$ $= 226$

Think 10 to subtract 9

$57 - 9$
 $57 - 10 + 1$



Compensation



$67 - 25 = 70 - 25 - 3 = 42$

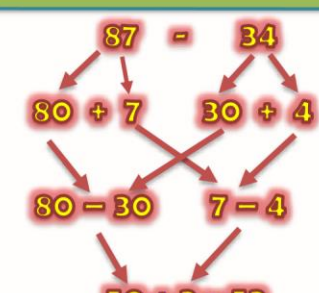
Jump Strategy

$76 - 23 = 76 - 10 - 10 - 3 = 53$



Split Strategy

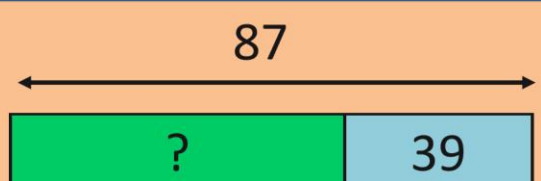
$87 - 34$



$50 + 3 = 53$

BAR MODEL IT!

87



$87 - \square = 39$

Transformation

$73 - 27$
 $(-3) (-3)$
 Change it to
 $70 - 24 = 46$



Chimney Sum



USE A KNOWN FACT


$$8 - 5 = 3$$

so


$$68 - 5 = 63$$

Think Doubles
to Subtract



$40 = 20$



$60 - 30$

$48 - 24$

Near Double

$$60 - 31$$

$$32 - 15$$

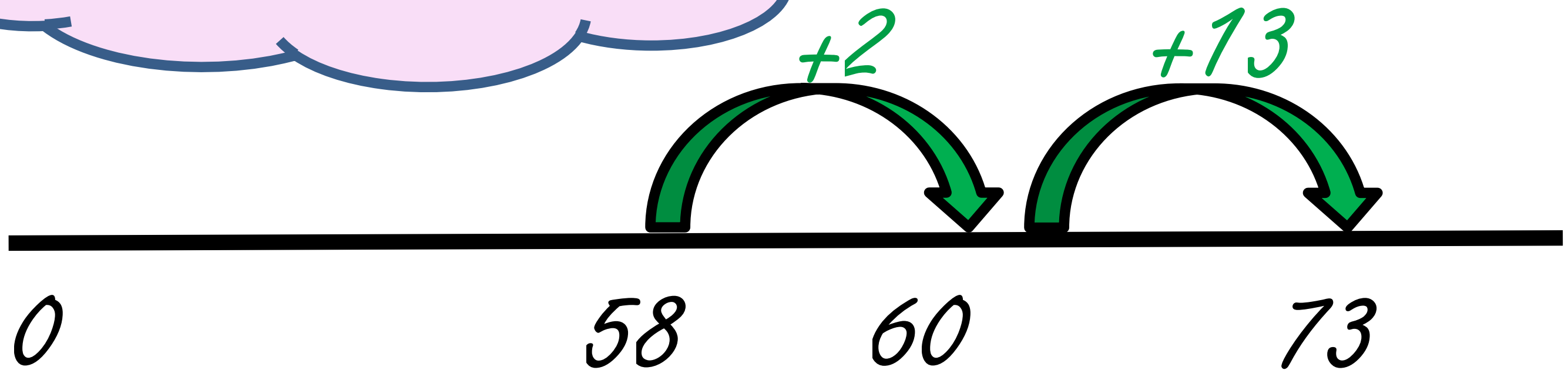
$$220 - 111$$

$$84 - 43$$



Add-Up-to-Subtract!

$73 - 58 = ?$



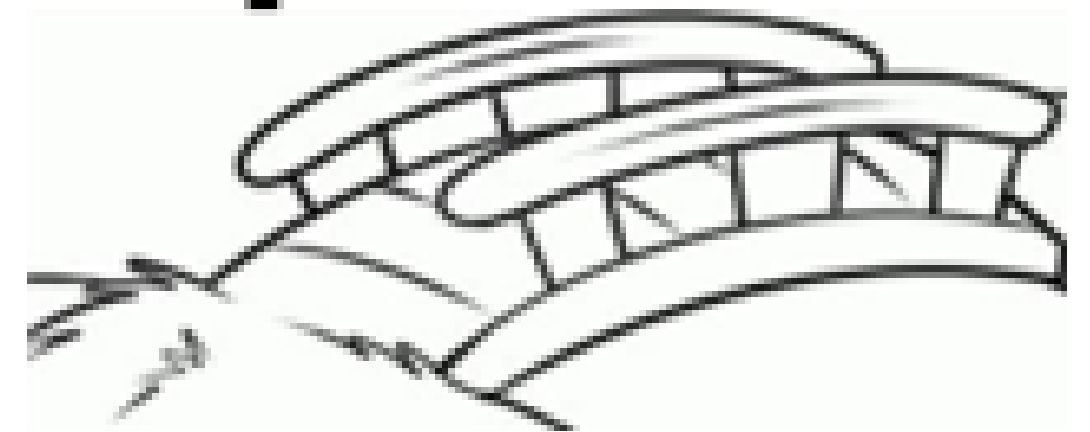
$= 15$

$73 - 58 = 15$

Partition through the decuple

$$\begin{aligned} & 42 - 7 \\ &= 42 - (2 - 5) \\ &= 35 \end{aligned}$$

Bridge the decuple



$$\begin{aligned} & 234 - 8 \\ &= 234 - (4 - 4) \\ &= 226 \end{aligned}$$

Think 10 to subtract 9



$$57 - 9$$

$$57 - 10 + 1$$

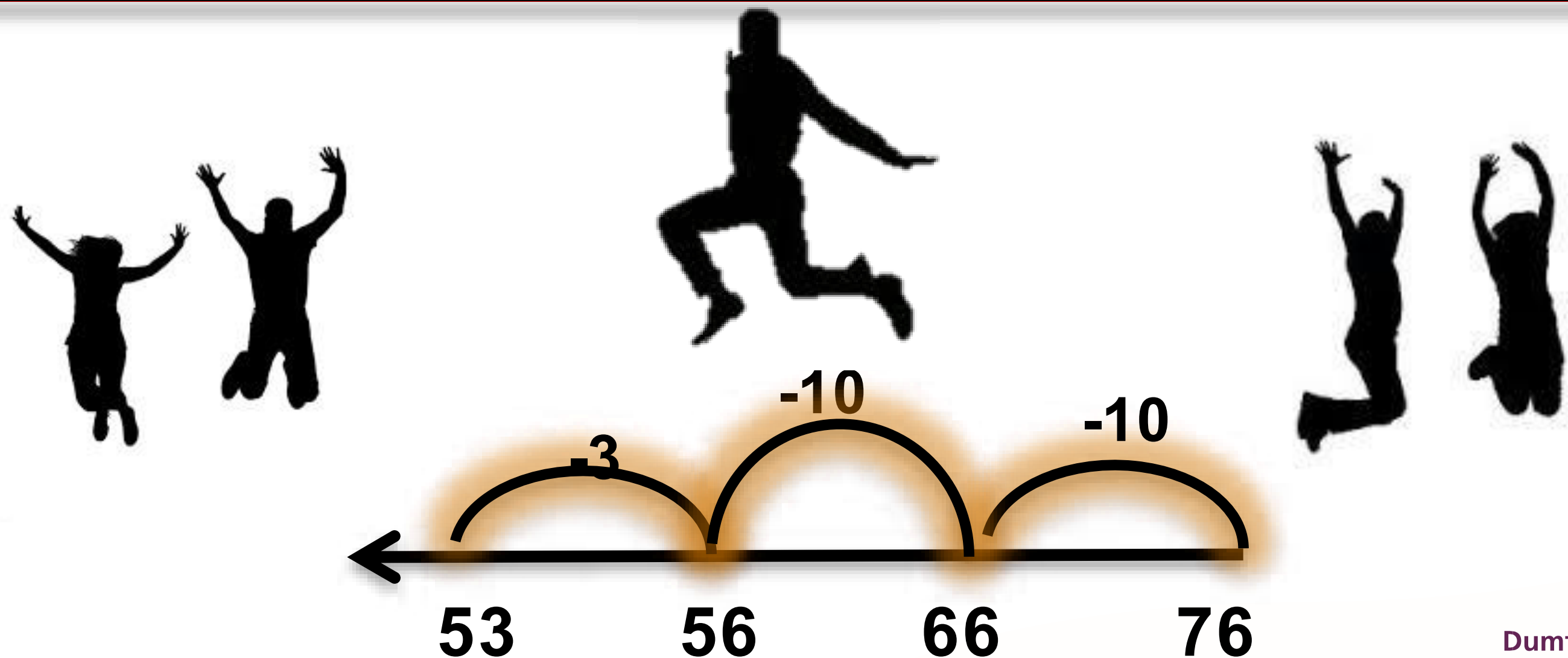
Compensation



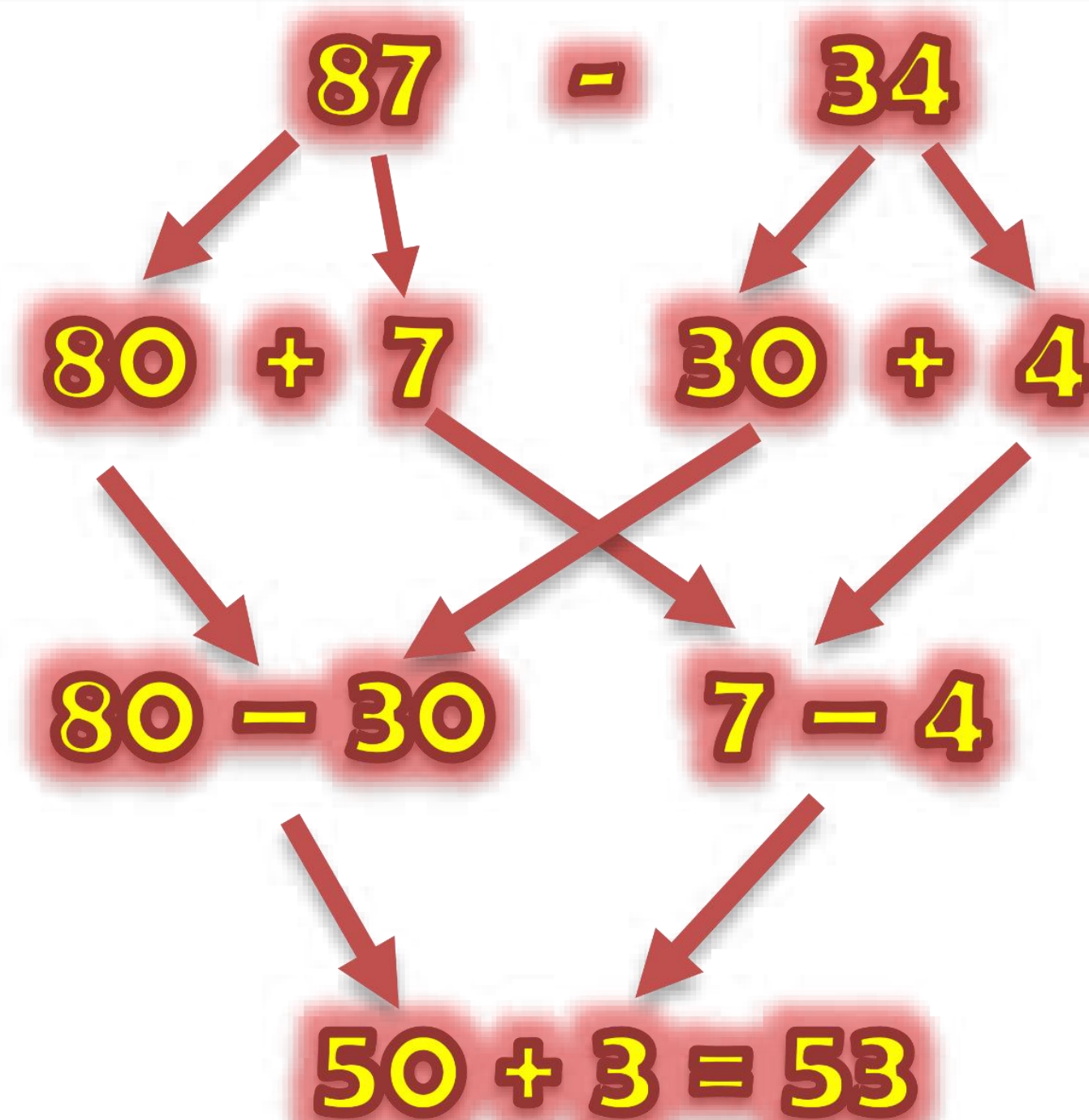
$$67 - 25 = 70 - 25 - 3 = 42$$

Jump Strategy

$$76 - 23 = 76 - 10 - 10 - 3 = 53$$

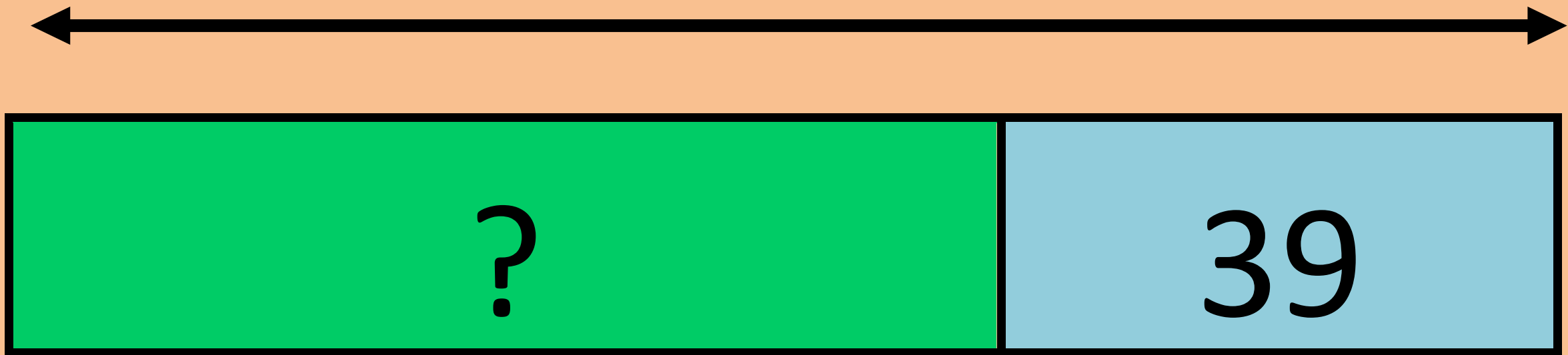


Split Strategy



BAR MODEL IT!

87



$$87 - \square = 39$$

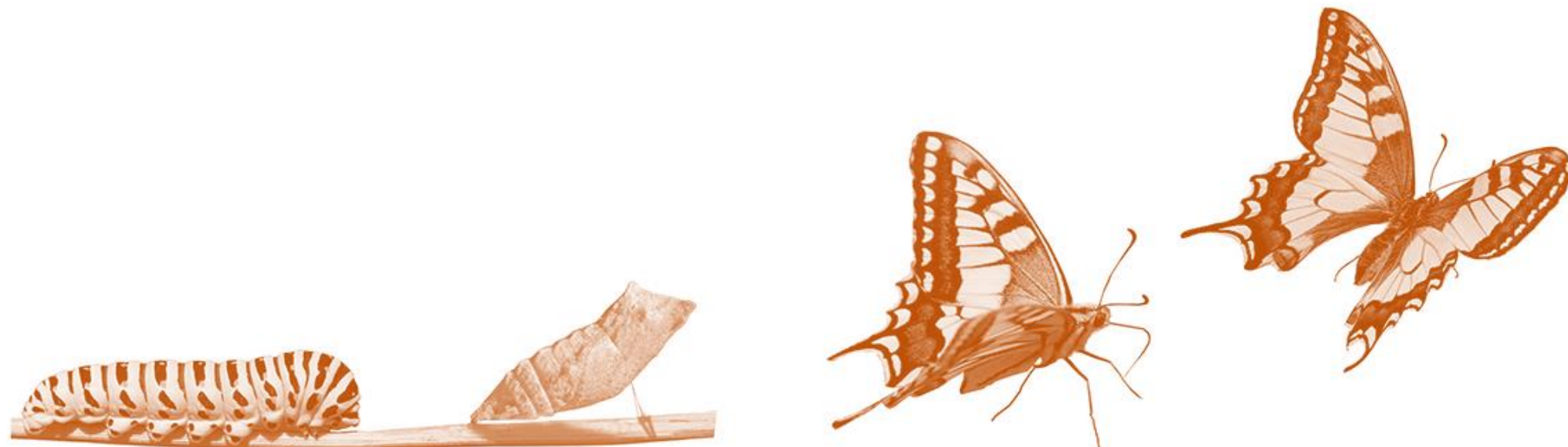
Transformation

$$73 - 27$$

$$(-3) \quad (-3)$$

Change it to

$$70 - 24 = 46$$



Chimney Sum

