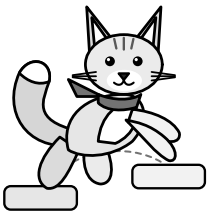
Name : _____ Date : _____

PAPILUMO / Grade 3 (ages 8–9) • Answer key

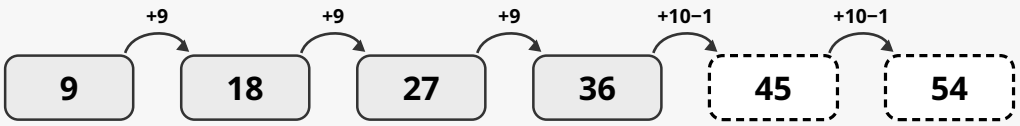
Skip Counting by 9 to 108

Fill in the missing multiples of 9 up to 108 using the +10 − 1 mental shortcut, then solve the final pattern checkpoint.



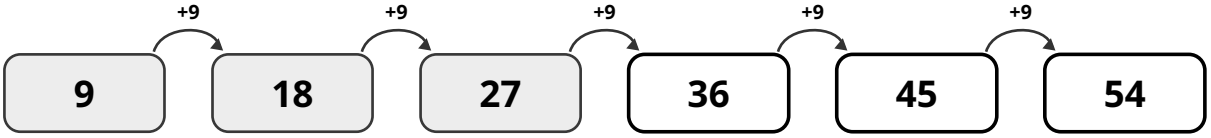
Sacha the acrobat cat leaps from platform to platform by 9s! Jump quickly by adding 10 and subtracting 1 on every hop.

Worked example (+10 − 1 shortcut: tens +1, ones −1):

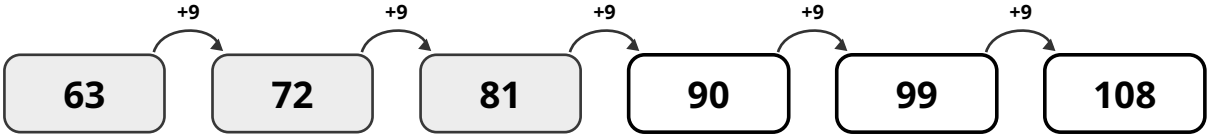


1. Forward hopping tracks: count forward by 9s up to 108

1

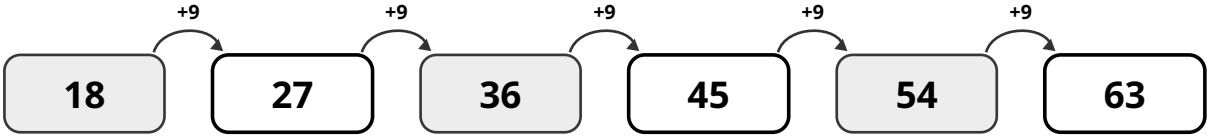


2

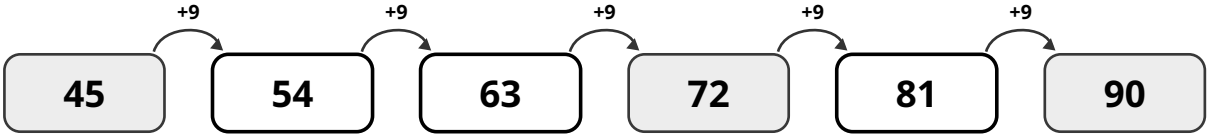


2. Mixed middle tracks: fill in the missing multiples of 9

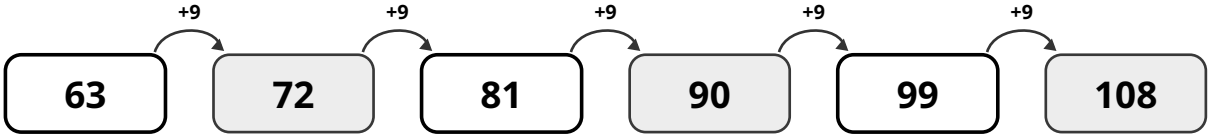
3



4



5

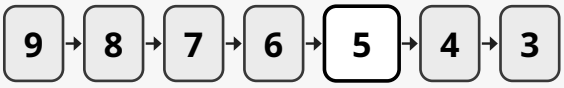


3. Acrobat pattern checkpoint: apply the +10 − 1 rule and ones pattern

A. Find 72 + 9 in two quick steps (+10, then −1):



B. Ones-digit pattern (9 to 63): fill the missing digit:



Sacha's tip: on every +9 hop from 9 to 90, the tens digit goes up by 1 and the ones digit goes down by 1 (then 90, 99, 108).