



Addition

compensation strategy (another way to add)

The compensation strategy for addition is useful when one of the numbers ends in 8 or 9. One number is rounded up to the next 10, the addition is carried out and then the answer is adjusted to compensate for the original change.

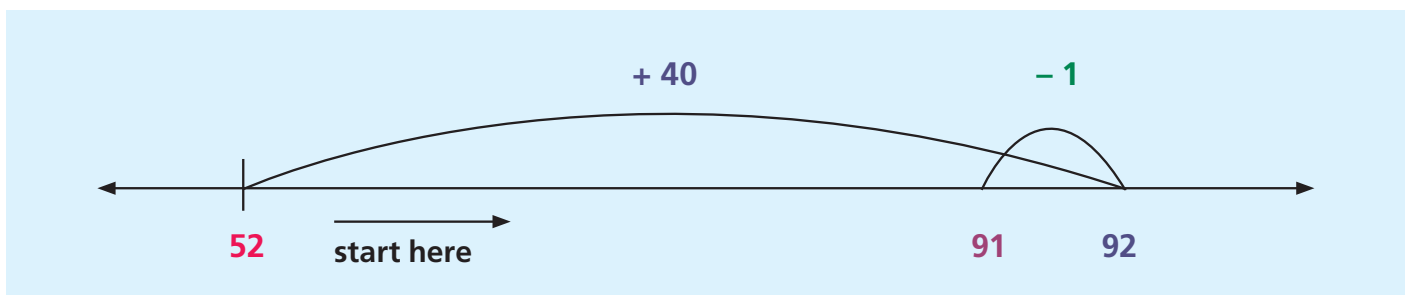
For example: $52 + 39$

Think $52 + 40 = 92$

BUT because I added 1 to 39 to round up to 40 I need to subtract 1 from my answer.

Therefore: $52 + (40 - 1) = 91$

This can also be shown on the empty number line like this:



This is a type of **jump** strategy.