

Subtraction (2) – counting back on a number line

(3 digit - 3 digit)

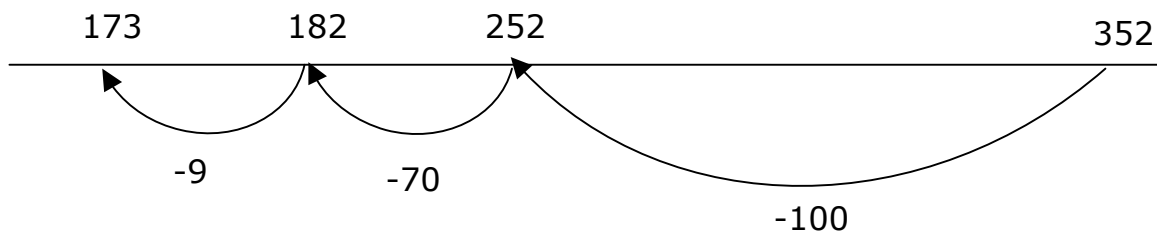
Today your child's homework involves calculating/solving problems, using subtraction on a number line.

Example: My journey is 352 kilometres. I have travelled 179 kilometres. How far is there to go?

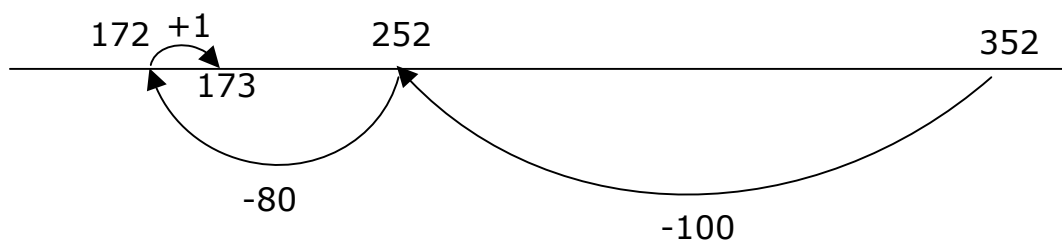
So we need $352 - 179$.

This is represented on a number line as shown below.

First 352 is placed towards the end of the empty number line. The 179 is partitioned into hundreds, tens and ones/units ($100 + 70 + 9$). Then the 100 is subtracted to get to 252. Next the 70 (*probably as 50 then 20*) is subtracted to reach 182. Finally the 9 is subtracted (*probably by subtracting 10 and adding 1*) to get to 173.



In this second example the 79 is subtracted by subtracting 80 and adding 1.



This then is used to answer the question.

I have 173 kilometres left.