

## **Subtraction (5) – counting up on a number line** (numbers with 1 decimal place)

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

Example: A runners' total time for the 800m was 126.4 seconds. If the first 400m took 58.7 seconds, how long did the second 400m take?

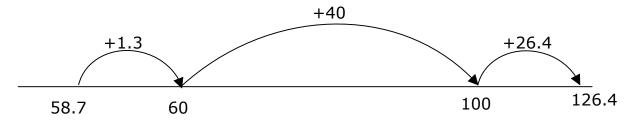
So we need 126.4 – 58.7 to find the difference between the total time and the first lap time.

This is represented on a number line as shown below.

58.7 is placed towards the beginning of the empty number line and the 126.4 towards the end.

We then count up in sensible jumps from 58.7 to reach 126.4, the difference between the two times.

First a jump of 1.3 to reach 60 (multiples of tes/ hundred are easy numbers to jump to and from), then a jump of 40 to reach 100 and finally a jump of 26.4 to reach our target of 126.4.



We then add the 'jumps' mentally to give us a difference of 67.7 (40+26.4+1.3).

The second 400m took 67.7 seconds.