



<http://topdrawer.aamt.edu.au/Mental-computation/Good-teaching/Addition-and-subtraction/Standard-place-value/The-power-of-ten>

Transcript of video Jumping Strategies

Anne: Here is a problem: 127 subtract 63. Could you solve this problem in any way you like?

Vince: Okay. I will start with 127 and I am going to take off 60 first.

(Writes 127 on the right hand side of an empty number line, jumps 60 to the left to reach 67)

Vince: That's twelve tens so the answer is going to be six tens and seven, that's 67 and then I've still got to take off 3, so I am going to take off 3 and that's going to be 64.

(Jumps 3 to the left from 67 to reach 64)

Anne: Okay. Is there a way you could check?

Vince: Yes, I could add on. I could add on. I could see if I start on 64 and add on 63 that would give me 127.

(Explaining the way to check solution of the problem)

Anne: Okay.

Vince: So if I add on, if I add on the 3 first that gives me 67 and then I add the 60 back, 60 and 60 is 127 plus 7, is 127. I am sure that's right.

(Starts at 64 on the number line and jumps 3 to the right to reach 67, then jumps 60 to the right to reach 127)

Anne: Okay, thank you.

