a) 553 + 4 = **557**

553 + 40 = **593**

553 + 400 = **953**

553 - 4 = **549**

553 - 40 = **513**

553 - 400 = **153**

b) *Example answer – in all the addition calculations, the digit column being added to increases by the same amount.*

2) **a)** *453*

b) *452*

c) *451*

d) *The tens digit decreases by 1 as the tens boundary has been crossed.*

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1) (572 - 30 = 542)   (712 - 300 = 412)   (149 + 30 = 179)   453 + 40 = 493

2) *Accept any correctly explained method with a supporting example. For example, add 100 then subtract 10; count up in tens one at a time; or column addition.*

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1) *If the addition crosses a hundreds boundary, the hundreds digit will also increase by 1. For example, 792 + 10 = 802.*

2) *The number of tens in the 3-digit number is the highest number of tens you can subtract before you cross a hundred boundary.*