**Outside of Class**

**Probability Lesson 4 Practice: Non-Equally Likely Events**

When Andy plays tennis, 65 of his first serves go into the correct area of the court.

If the first serve goes into the correct area, his chance of winning the point is 90.

 If his first serve does not go into the correct area, Andy is allowed a second serve and, of these, 80 go into the correct area.

If the second serve goes into the correct area, his chance of winning the point is 60.

If neither serve goes into the correct area, Andy loses the point.

(a) Complete the tree diagram below.



(2)

(b) Find the probability that Andy loses the point.

(4)

(Total 6 marks)