Outside of Class

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_ MS: **Probability Laws**

For events *A* and *B*, the probabilities are P(*A*) =  and P(*B*) = .

(a) If events *A* and *B* are mutually exclusive, write down the value of P (*A*  *B*).

(1)

(b) If events *A* and *B* are independent, find the value of P (*A*  *B*).

(2)

(c) If P(*A*  *B*) = , find the value of P(*A*  *B*).

(3)

(Total 6 marks)