14 A bag contains 6 black discs and 4 white discs only.

Jasmin takes at random a disc from the bag and records the colour of the disc.
If the disc is black, she replaces the black disc in the bag.
If the disc is white, she does not replace the white disc in the bag.

Jasmin now takes at random a second disc from the bag and records the colour of the disc.

Calculate the probability that Jasmin records one disc of each colour.

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(Total for Question 14 is 3 marks)