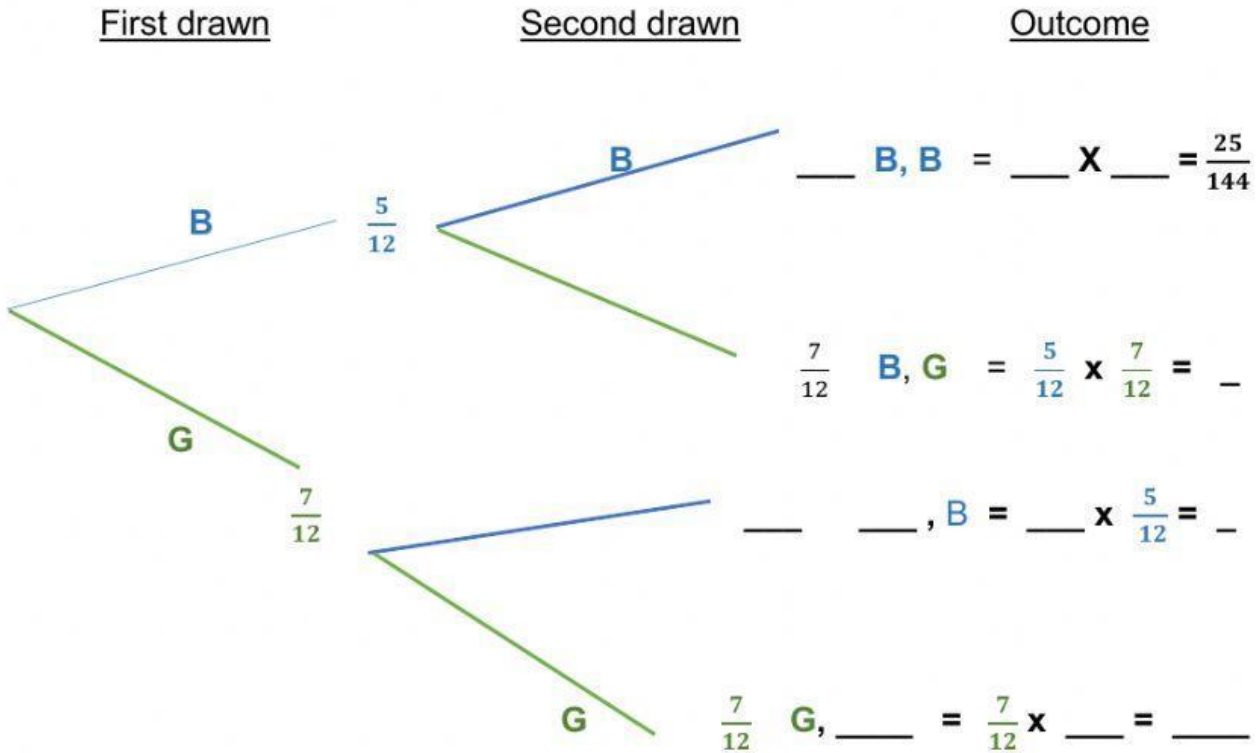


Probability tree diagram

A bag contains 5 blue marbles and 7 green marbles. A marble is drawn from the bag **IS replaced**. Then another marble is drawn from the bag. Complete missing information from the tree diagram below to show the probabilities on both drawings.



b. Use your tree diagram to find the probability of getting:

i. Blue then green =  $\underline{\quad}$

ii. Green twice =  $\underline{\quad}$

iii. One blue and one green =  $\underline{\quad}$

iv. Two of same colour =  $\underline{\quad}$

