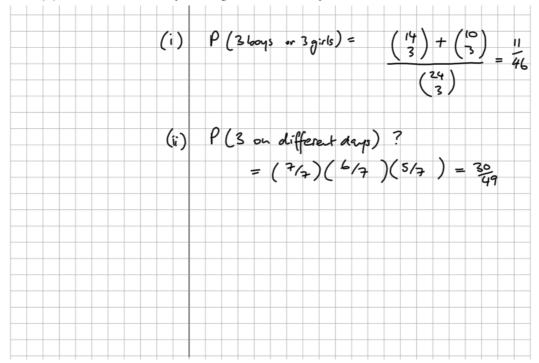
- 6. In a class of 24 students, there are 14 boys and 10 girls. In a particular week three students celebrate their birthdays. What is the probability that these three students
  - (i) are three boys or three girls
  - (ii) have their birthdays falling on different days of the week?



- 10. A box contains letters used in a word-game. At a certain stage in the game, the 8 letters in the box are A, A, C, E, L, P, P. One player draws, at random, 3 letters in succession without replacing them. Calculate the probability that
  - (i) the letters P, E, A are drawn in that order
  - (ii) the letters P, E, A are drawn in any order
  - (iii) the 3 letters drawn do not include E or P
  - (iv) the 3 letters drawn are either all consonants or all vowels.

