

24 There are only pink and yellow sweets in a bag containing N sweets.

There are 25 more pink sweets than yellow sweets.

Stan takes at random 2 sweets from the bag.

The probability that Stan takes 2 pink sweets from the bag is $\frac{7}{19}$

Find the probability that Stan takes 2 yellow sweets from the bag.

Show clear algebraic working.

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(Total for Question 24 is 6 marks)

Turn over for Question 25



P 7 3 4 9 5 A 0 2 1 2 4