

9 Three friends, Ann (A), Bob (B) and Carol (C), go on holiday together.

(a) They book a row of three seats on the plane.

When they arrive at the plane they sit in a random order.

(i) List all the different orders they could sit on the three seats.
The first one has been done for you.

Seat 1	Seat 2	Seat 3
A	B	C

[2]

(ii) What is the probability that Ann and Carol sit next to each other?

(a)(ii) **[1]**

(iii) What is the probability that Bob sits in seat 1 with Ann next to him?

(iii) **[1]**