

- 10** There are 60 members in a sports club. The table shows the numbers of members in various categories.

	Beginner	Advanced
Junior	35	5
Senior	7	13

A member of the sports club is chosen at random.

- (a)** Find the probability that this member is a Beginner. **[1]**

A Junior member of the club is chosen at random.

- (b)** Find the probability that this Junior member is a Beginner. **[1]**

Two different members of the club are chosen at random.

- (c)** Determine the probability that both these members are Juniors and exactly one is a Beginner. **[2]**