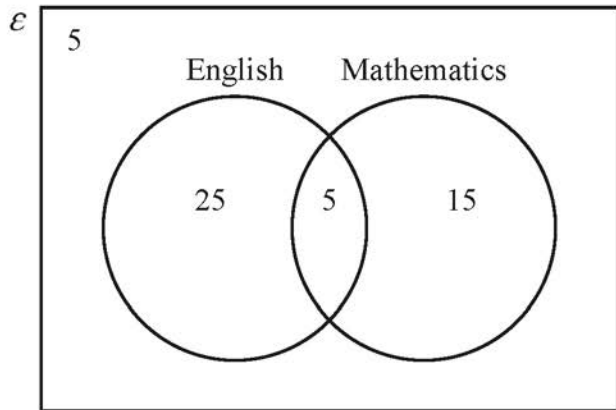**9** In a survey, 50 people were asked whether they had passed A-level English and whether they had passed A-level Mathematics.

The numbers of people in various categories are shown in the Venn diagram.

(a) A person is chosen at random from the 50 people.

Find the probability that this person has passed A-level Mathematics. **[1]**

(b) Two people are chosen at random, **without replacement**, from those who have passed A-level in at least one of the two subjects.

Determine the probability that both of these people have passed A-level Mathematics. **[3]**