

1 There are 30 students in a class.

A teacher is going to choose at random 2 of the students.

Work out the number of different pairs of students that the teacher can choose.

$$\frac{30 \times 29}{2} = 435$$

divided by 2 because choosing  
student A then B is the same as choosing  
student B then A, because they're the same pair

435

(Total for Question 1 is 2 marks)