

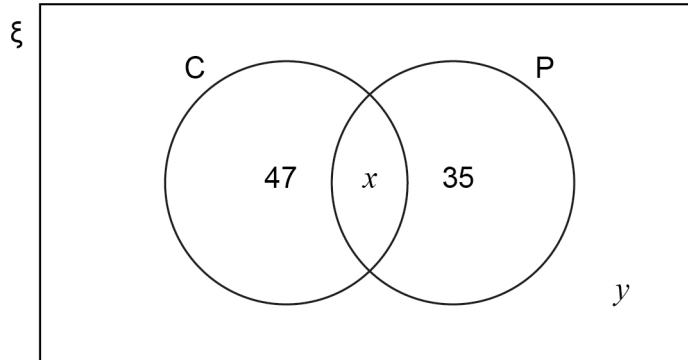
25

The Venn diagram shows some information about 150 students.

$\xi = 150$  students

C = students who study Chemistry

P = students who study Physics



The probability that a Physics student, chosen at random, also studies Chemistry is  $\frac{5}{12}$

One of the 150 students is chosen at random.

Work out the probability that the student does **not** study either Chemistry or Physics.

**[4 marks]**

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Answer \_\_\_\_\_

