

- 12** At the end of a college course, Pierre has to take five examinations.
Each examination is marked out of 100
Pierre has to get an overall mean mark of 80% or more for the five examinations in order to pass the course.

After taking the first four examinations, Pierre's mean mark for these four examinations is 78%

Calculate the lowest mark Pierre can get in his fifth examination so that he passes the course.

(Total for Question 12 is 3 marks)

13 Solve $\frac{6x - 3}{7} - \frac{2x - 3}{5} = \frac{6}{5}$

Show clear algebraic working.

$x = \dots$

(Total for Question 13 is 3 marks)

