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15 (a) $x \times 10^5 + y \times 10^3 = k \times 10^5$

Express k in terms of x and y .

Give your answer in its simplest form.

$k = \dots$

(2)

(b) Calculate $(8.5 \times 10^{64}) \times (4 \times 10^{68})$

Give your answer in standard form.

\dots

(2)

(Total for Question 15 is 4 marks)



P 6 0 1 9 2 A 0 9 2 4