1

November 2015 Higher Calc Paper 2

16 (a) Write 640 000 000 in standard form.

$$6.4 \times 10^8$$

(1)

(b) Work out $(3 \times 10^7) \div (6 \times 10^4)$
Give your answer in standard form.

$$\frac{3 \times 10^7}{6 \times 10^4} = 0.5 \times 10^3 = 5 \times 10^2$$

(2)

(Total for Question 16 is 3 marks)

Sample A Higher Calc Paper 3

8   Write 0.000068 in standard form.

$$6.8 \times 10^{-5}$$

(1)

(Total for Question 8 is 1 mark)