

1 (a) Write 4.5×10^5 as an ordinary number.

.....
(1)

(b) Write 0.007 in standard form.

.....
(1)

(c) Work out $4.2 \times 10^3 + 5.3 \times 10^2$
Give your answer in standard form.

.....
(2)

(Total for Question 1 is 4 marks)

2 (a) Write 1.63×10^{-3} as an ordinary number.

.....
(1)

(b) Write 438 000 in standard form.

.....
(1)

(c) Work out $(4 \times 10^3) \times (6 \times 10^{-5})$
Give your answer in standard form.

.....
(2)

(Total for Question 2 is 4 marks)

3 (a) Write 6.75×10^{-4} as an ordinary number.

.....
(1)

(b) Work out $\frac{2.56 \times 10^6 \times 4.12 \times 10^{-3}}{1.6 \times 10^{-2}}$

Give your answer in standard form.

.....
(2)

(Total for Question 3 is 3 marks)

4 (a) Write $(9 \times 10^4) : (4.5 \times 10^6)$ in the form $1 : n$ where n is an integer.

.....
(2)

(b) Write the following numbers in order of size.
Start with the smallest number.

5.625×10^4

5625

56250×10^{-3}

0.005625×10^5

.....
(2)

(Total for Question 4 is 4 marks)
