

Standard Form

November 2024 Paper 3

18 (a) Write 3.402×10^5 as an ordinary number.

.....
(1)

(b) Write 0.8026 in standard form.

.....
(1)

(Total for Question 18 is 2 marks)

November 2023 Paper 3

20 (a) Write 468 000 in standard form.

.....
(1)

(b) Write 5.037×10^{-4} as an ordinary number.

.....
(1)

(Total for Question 20 is 2 marks)

June 2024 Paper 3

23 (a) (i) Write 5.3×10^4 as an ordinary number.

.....
(1)

(ii) Write 7.4×10^{-5} as an ordinary number.

.....
(1)

(b) Calculate the value of $9.7 \times 10^6 + 2.45 \times 10^7$
Give your answer in standard form.

.....
(2)

(Total for Question 23 is 4 marks)

November 2021 Paper 3

23 (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 23 is 4 marks)

June 2022 Paper 1

26 (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 26 is 4 marks)

November 2024 Paper 2

27 $1.25 \times 10^{-12} = k \times (4 \times 10^{-20})$

Work out the value of k .

Give your answer in standard form.

$k = \dots\dots\dots$

(Total for Question 27 is 2 marks)

June 2023 Paper 3

28 (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.

$$5.625 \times 10^4$$

$$5625$$

$$56250 \times 10^{-3}$$

$$0.005625 \times 10^5$$

.....
(2)

(Total for Question 28 is 4 marks)

June 2020 Paper 1

- 28** Write these numbers in order of size.
Start with the smallest number.

6.72×10^5

67.2×10^{-4}

672×10^4

0.000672

(Total for Question 28 is 2 marks)

November 2022 Paper 3

29 (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 29 is 3 marks)
