

# Question 1

Consider

0.0001

Which of the following represents 0.0001?

1.  $10^4$
2.  $10^3$
3.  $10^{-4}$
4.  $10^{-3}$

## Question 2

Consider

$$10^5 \times 10^3$$

Which of the following does this yield?

1.  $10^3$
2.  $10^5$
3.  $10^8$
4.  $10^{15}$

## Question 3

Consider

$$\frac{10^5 \times 10^{-2}}{10^4}$$

Which of the following does this yield?

1. 0.01
2. 0.1
3. 1
4. 10
5. 100

## Question 4

Consider the number

0.00234

Which of the following is equivalent?

1.  $2.34 \times 10^{-3}$
2.  $2.34 \times 10^{-2}$
3.  $2.34 \times 10^{-1}$
4.  $2.34 \times 10^2$
5.  $2.34 \times 10^3$

## Question 5

Consider

$$98.7 \times 10^{-2}$$

Which of the following expresses this in decimal notation?

1. 9870
2. 987
3. 98.7
4. 9.87
5. 0.987