NUMBER AND ROOTS: PRIME FACTORS, COMMON FACTORS, SQUARE AND CUBE ROOTS, IRRATIONAL NUMBERS - PRACTICE TEST | NEW BRUNSWICK NUMBER, RELATIONS AND FUNCTIONS 10 · UNIT A · 10 QUESTIONS

Number and Roots: Prime Factors, Common Factors, Square and Cube Roots, Irrational Numbers — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The cube root of 216 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The positive square root of 225 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A perfect square is a number that is the square of an**

A fraction only

B decimal only

C integer

D negative number only

Understand It with Pulse | Flag a mistake

4 **An irrational number is a number that**

A cannot be written as a fraction of integers

B is always negative

C is always a whole number

D ends in a repeating decimal

Understand It with Pulse | Flag a mistake

5 **Factorisation breaks a number into factors that are**

- A prime
- B even only
- C odd only
- D squares only

Understand It with Pulse | Flag a mistake

6 **The square root of 50 lies between which two integers**

- A 7 and 8
- B 5 and 6
- C 8 and 9
- D 6 and 7

Understand It with Pulse | Flag a mistake

7 **The cube root of 343 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The positive square root of 256 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The cube root of 512 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The positive square root of 324 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	6	**5.**	A	**9.**	8
2.	15	**6.**	A	**10.**	18
3.	C	**7.**	7		
4.	A	**8.**	16		

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