NEWFOUNDLAND AND LABRADOR MATHEMATICS 1201 · UNIT B · 25 QUESTIONS

Roots and Powers — 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 343 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The square root of 64 is**



A 9

B 8

C 7

D 10

Understand It with Pulse | Flag a mistake

3 The value of 3^3 is

- A 27
- B 28
- C 26
- D 29

Understand It with Pulse | Flag a mistake

4 The value of 2×3^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

5 The value of 9×10^3 is

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **What is the meaning of base?**



A a base raised to an exponent

B a number that multiplied by itself gives the original

C the number multiplied in a power

D a number that multiplied by itself three times gives the original

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7 **What is the meaning of cube root?**

A a number that is the square of a whole number

B a number that multiplied by itself three times gives the original

C a number that is the cube of a whole number

D writing a number as a decimal × a power of ten

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8 **What is the meaning of exponent?**

A the number multiplied in a power

B the number that shows how many times a base is multiplied

C a base raised to an exponent

D a number that multiplied by itself gives the original

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9 **What is the meaning of irrational number?**

A a number that can be written as a fraction

B a number that cannot be written as a simple fraction

C a rule for multiplying or dividing powers

D an exponent of zero that gives a value of one

Understand It with Pulse | Flag a mistake

10 **What is the meaning of perfect cube?**



A writing a number as a decimal × a power of ten

B a number that cannot be written as a simple fraction

C a number that can be written as a fraction

D a number that is the cube of a whole number

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11 **What is the meaning of perfect square?**

A a number that is the cube of a whole number

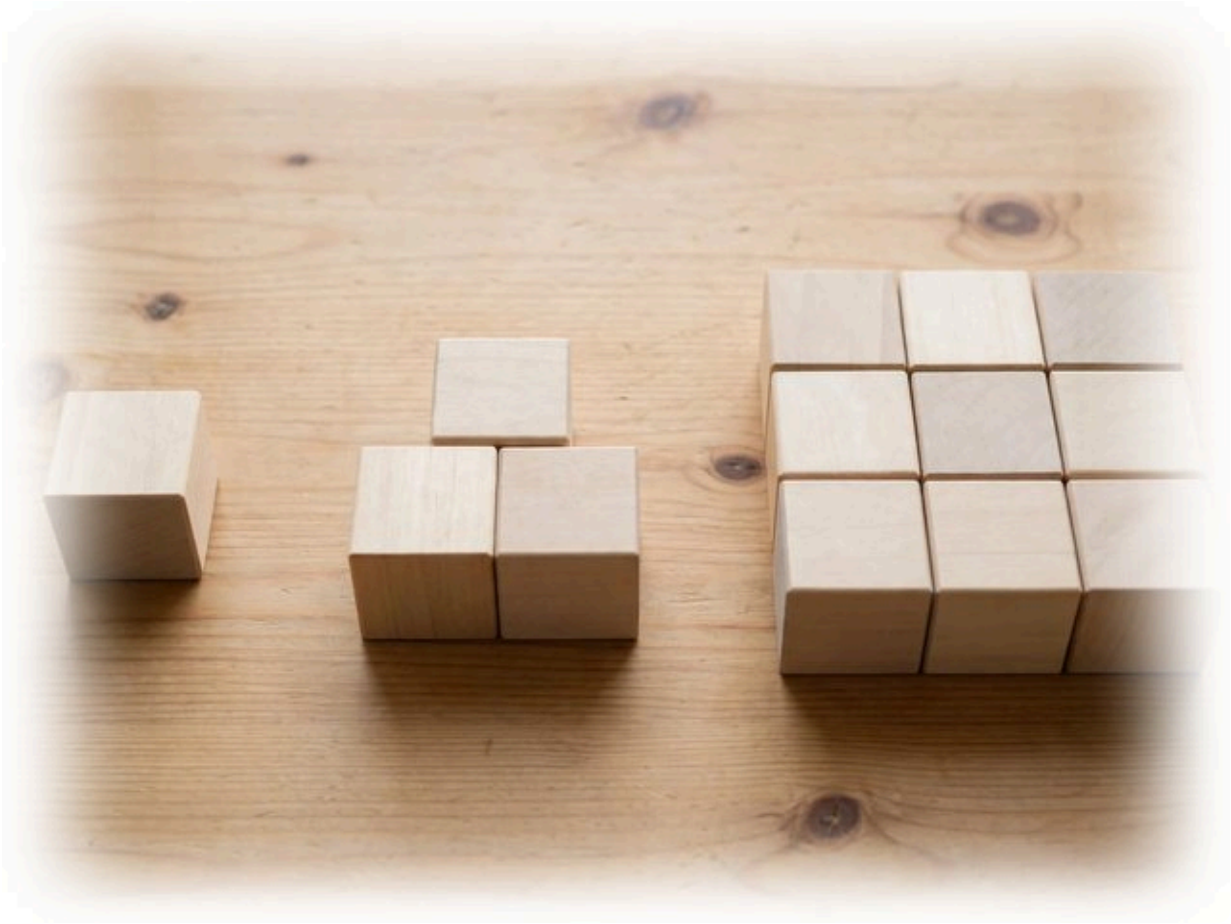
B writing a number as a decimal × a power of ten

C a number that is the square of a whole number

D a number that cannot be written as a simple fraction

Understand It with Pulse | Flag a mistake

12 **What is the meaning of power?**



A a number that multiplied by itself gives the original

B a number that multiplied by itself three times gives the original

C a number that is the square of a whole number

D a base raised to an exponent

Understand It with Pulse | Flag a mistake

13 **What is the meaning of rational number?**

A a rule for multiplying or dividing powers

B an exponent of zero that gives a value of one

C a number that can be written as a fraction

D the number that shows how many times a base is multiplied

Understand It with Pulse | Flag a mistake

14 **What is the meaning of scientific notation?**



A writing a number as a decimal × a power of ten

B a number that cannot be written as a simple fraction

C a number that can be written as a fraction

D a rule for multiplying or dividing powers

Understand It with Pulse | Flag a mistake

15 **What is the meaning of square root?**

- A a number that multiplied by itself gives the original
- B a number that multiplied by itself three times gives the original
- C a number that is the square of a whole number
- D a number that is the cube of a whole number

Understand It with Pulse | Flag a mistake

16 **Which term matches this description: a base raised to an exponent?**

- A square root
- B cube root
- C power
- D perfect square

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17 **The cube root of 8 is**

ANSWER

Understand It with Pulse | Flag a mistake

18 **The square root of 49 is**



A 8

B 6

C 9

D 7

Understand It with Pulse | Flag a mistake

19 The value of 5^3 is

- A 126
- B 124
- C 125
- D 127

Understand It with Pulse | Flag a mistake

20 The value of 2×4^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

21 The value of 8×10^4 is

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The cube root of 125 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **The square root of 81 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The value of 6^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **The value of 2×6^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 7
2. B
3. A
4. 18
5. 9000
6. C
7. B
8. B
9. B
10. D
11. C
12. D
13. C
14. A
15. A
16. C
17. 2
18. D
19. C
20. 32
21. 80000
22. 5
23. 9
24. 36
25. 72

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