RADICAL AND RATIONAL EXPRESSIONS AND EQUATIONS - PRACTICE TEST | NEW BRUNSWICK PRE-CALCULUS 110 · UNIT B · 25 QUESTIONS

Radical and Rational Expressions and Equations — 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 square root of 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The fraction $\frac{6}{2}$ simplifies to**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The product of square root of 2 and square root of 8 is the square root of 16, which equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The equation square root of x = 3 has solution x =**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The expression square root of 50 simplifies to**

A 5 square root of 2

B 25 square root of 2

C 10 square root of 5

D 5 square root of 10

Understand It with Pulse | Flag a mistake

6 **The square root of 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 The fraction $\frac{10}{2}$ simplifies to

ANSWER _____

Understand It with Pulse | Flag a mistake

8 The product of square root of 3 and square root of 12 is the square root of 36, which equals

ANSWER _____

Understand It with Pulse | Flag a mistake

9 The equation square root of x = 4 has solution x =

ANSWER _____

Understand It with Pulse | Flag a mistake

10 The expression square root of 72 simplifies to

- A 8 square root of 3
- B 6 square root of 2
- C 12 square root of 6
- D 36 square root of 2

Understand It with Pulse | Flag a mistake

11 The square root of 16 is

ANSWER _____

Understand It with Pulse | Flag a mistake

12 The fraction $\frac{12}{3}$ simplifies to

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **The product of square root of 2 and square root of 18 is the square root of 36, which equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **The equation square root of x = 5 has solution x =**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **The square root of 25 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **The fraction $\frac{15}{3}$ simplifies to**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The product of square root of 5 and square root of 20 is the square root of 100, which equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **The equation square root of x = 6 has solution x =**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The square root of 36 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **The fraction $\frac{8}{4}$ simplifies to**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The product of square root of 3 and square root of 27 is the square root of 81, which equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The square root of 49 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **The fraction $\frac{14}{2}$ simplifies to**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The square root of 144 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **The square root of 169 is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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