PRINCE EDWARD ISLAND PRE-CALCULUS 11 · UNIT D

Radical and Rational Functions — Practice Test

Prince Edward Island Pre-Calculus 11 • 10 questions

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 98 can be written as a number times the square root of 2. What is that number**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **What is the principal square root of 36**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A radical equation must be checked for**

A complex roots

B asymptotes

C vertices

D extraneous solutions

Understand It with Pulse | Flag a mistake

4 **A rational function has denominator x minus 7. At what x value is the function undefined**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 The square root of x^2 , for x greater than or = 0 , is

- A x^2
- B -x
- C x
- D 2x

Understand It with Pulse | Flag a mistake

6 The vertical asymptote of y = 1 / (x - 2) is

- A x = 0
- B y = 2
- C y = 0
- D x = 2

Understand It with Pulse | Flag a mistake

7 **The square root of 32 can be written as a number times the square root of 2. What is that number**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **What is the principal square root of 49**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The square root of 18 can be written as a number times the square root of 2. What is that number**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **What is the principal square root of 64**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	7	**5.**	C	**9.**	3
2.	6	**6.**	D	**10.**	8
3.	D	**7.**	4		
4.	7	**8.**	7		

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