SASKATCHEWAN PRE-CALCULUS 20 · UNIT D · 10 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 In simplest form, $\frac{x^7}{x^5}$ is

- A x^7
- B x^5
- C x^{12}
- D x^2

Understand It with Pulse | Flag a mistake

2 **In simplest form, $\sqrt{162}$ is**

- A $\sqrt{162}$
- B $9\sqrt{4}$
- C $9\sqrt{2}$
- D $2\sqrt{9}$

Understand It with Pulse | Flag a mistake

3 **The non-permissible value for 1/x - 7 is x equals**

- A -7
- B 0
- C 8
- D 7

Understand It with Pulse | Flag a mistake

4 **The expression x - 2/x - 2 simplifies to, for x not equal to 2,**



A 0

B 1

C x

D 1

Understand It with Pulse | Flag a mistake

5 **In simplest form, $\frac{x^7}{x^3}$ is**

A x^4

B x^7

C x^3

D x^10

Understand It with Pulse | Flag a mistake

6 In simplest form, $\sqrt{128}$ is



A $\sqrt{128}$

B $8\sqrt{2}$

C $8\sqrt{4}$

D $2\sqrt{8}$

Understand It with Pulse | Flag a mistake

7 The non-permissible value for 1/x - 6 is x equals

- A 6
- B -6
- C 0
- D 7

Understand It with Pulse | Flag a mistake

8 In simplest form, $x^1 \frac{0}{x^6}$ is

- A x^10
- B x^4
- C x^6
- D x^16

Understand It with Pulse | Flag a mistake

9 **In simplest form, $\sqrt{50}$ is**

- A $\sqrt{50}$
- B $5\sqrt{4}$
- C $5\sqrt{2}$
- D $2\sqrt{5}$

Understand It with Pulse | Flag a mistake

10 **The non-permissible value for 1/x - 8 is x equals**

- A -8
- B 0
- C 8
- D 9

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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