SASKATCHEWAN FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 · UNIT D · 10 QUESTIONS

Radicals, Irrational Numbers and Exponents — 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, $\sqrt{36}$ is**

- A 7
- B 36
- C 6
- D $\sqrt{37}$

Understand It with Pulse | Flag a mistake

2 **The value of 2^0 is**

- **A** 0
- **B** 1
- **C** 2
- **D** $\frac{1}{2}$

Understand It with Pulse | Flag a mistake

3 **Using exponent laws, $x^4 \cdot x^3$ is**

- **A** x^12
- **B** x^1
- **C** x^6
- **D** x^7

Understand It with Pulse | Flag a mistake

4 **In simplest form, $4\sqrt{3} + 3\sqrt{3}$ is**

- A $7\sqrt{6}$
- B $7\sqrt{3}$
- C $12\sqrt{3}$
- D $7\sqrt{9}$

Understand It with Pulse | Flag a mistake

5 **In simplest form, $\sqrt{64}$ is**

- A 9
- B 64
- C $\sqrt{65}$
- D 8

Understand It with Pulse | Flag a mistake

6 **The value of 7^0 is**

- **A** 0
- **B** 7
- **C** 1
- **D** $\frac{1}{7}$

Understand It with Pulse | Flag a mistake

7 **Using exponent laws, $x^2 \cdot x^3$ is**

- **A** x^6
- **B** $x^{-}1$
- **C** x^5
- **D** x^4

Understand It with Pulse | Flag a mistake

8 **In simplest form, $\sqrt{4}$ is**

- **A** 3
- **B** 2
- **C** 4
- **D** $\sqrt{5}$

Understand It with Pulse | Flag a mistake

9 **The value of 5^0 is**

- **A** 1
- **B** 0
- **C** 5
- **D** $\frac{1}{5}$

Understand It with Pulse | Flag a mistake

10 **Using exponent laws, $x^6 \cdot x^3$ is**

A x^{18}

B x^3

C x^8

D x^9

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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