NOVA SCOTIA MATHEMATICS 10 · UNIT C · 25 QUESTIONS

Exponents, Radicals and Polynomials — 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 2^3 is

ANSWER _____

Understand It with Pulse | Flag a mistake

2 2^4 is

ANSWER _____

Understand It with Pulse | Flag a mistake

3 3^3 is

ANSWER _____

Understand It with Pulse | Flag a mistake

4 5^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

5 4^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

6 2^5 is

ANSWER _____

Understand It with Pulse | Flag a mistake

7 3^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

8 10^2 is

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The square root of 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The square root of 16 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **The square root of 25 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **The square root of 36 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **The square root of 49 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **The square root of 64 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **The square root of 81 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **The square root of 100 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 x^2x^3 equals

A x^5

B x^6

C x^1

D x^7

Understand It with Pulse | Flag a mistake

18 x^3x^2 equals

A x^6

B x^5

C x^1

D x^7

Understand It with Pulse | Flag a mistake

19 **x^5x^4 equals**

A x^{20}

B x^1

C x^9

D x^{11}

Understand It with Pulse | Flag a mistake

20 **x^5 / x^2 equals**

A x^8

B x^{10}

C x^5

D x^3

Understand It with Pulse | Flag a mistake

21 x^6 / x^3 equals

A x^3

B x^{10}

C x^{18}

D x^5

Understand It with Pulse | Flag a mistake

22 x^4 / x^1 equals

A x^6

B x^3

C x^4

D x^5

Understand It with Pulse | Flag a mistake

23 The square root of 50 in simplest form is

- A $5\sqrt{5}$
- B $10\sqrt{2}$
- C $5\sqrt{2}$
- D $25\sqrt{2}$

Understand It with Pulse | Flag a mistake

24 The square root of 72 in simplest form is

- A $6\sqrt{3}$
- B $9\sqrt{2}$
- C $12\sqrt{2}$
- D $6\sqrt{2}$

Understand It with Pulse | Flag a mistake

25 **The square root of 12 in simplest form is**

A $2\sqrt{3}$

B $3\sqrt{2}$

C $4\sqrt{3}$

D $2\sqrt{2}$

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	8	**10.**	4	**19.**	C
2.	16	**11.**	5	**20.**	D
3.	27	**12.**	6	**21.**	A
4.	25	**13.**	7	**22.**	B
5.	16	**14.**	8	**23.**	C
6.	32	**15.**	9	**24.**	D
7.	9	**16.**	10	**25.**	A
8.	100	**17.**	A		
9.	3	**18.**	B		

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