CONNECTICUT ALGEBRA II · UNIT 1 · 10 QUESTIONS

Functions and Graphs — 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 **For $f(x) = 2x^2$, $f(3)$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **For $f(x) = 3x^2$, $f(2)$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For $f(x) = 2x^2$, $f(5)$ is**

ANSWER _____

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4 **For $f(x) = 4x^2$, $f(2)$ is**

ANSWER _____

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5 **For $f(x) = 5x^2$, $f(1)$ is**

ANSWER

Understand It with Pulse | Flag a mistake

6 **The function x^2 is an example of**

A a linear function

B a constant function

C a cubic function

D a quadratic function

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7 **The function 2^x is an example of**

A an exponential function

B a linear function

C a constant function

D a cubic function

Understand It with Pulse | Flag a mistake

8 **The function $|x|$ is an example of**

A a linear function

B an absolute value function

C a constant function

D a cubic function

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9 **The function $\sqrt{x}$ is an example of**

- A a linear function
- B a constant function
- C a radical function
- D a cubic function

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10 **The function $\frac{1}{x}$ is an example of**

- A a linear function
- B a constant function
- C a cubic function
- D a rational function

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ANSWER KEY

1. 18
2. 12
3. 50
4. 16
5. 5
6. D
7. A
8. B
9. C
10. D

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