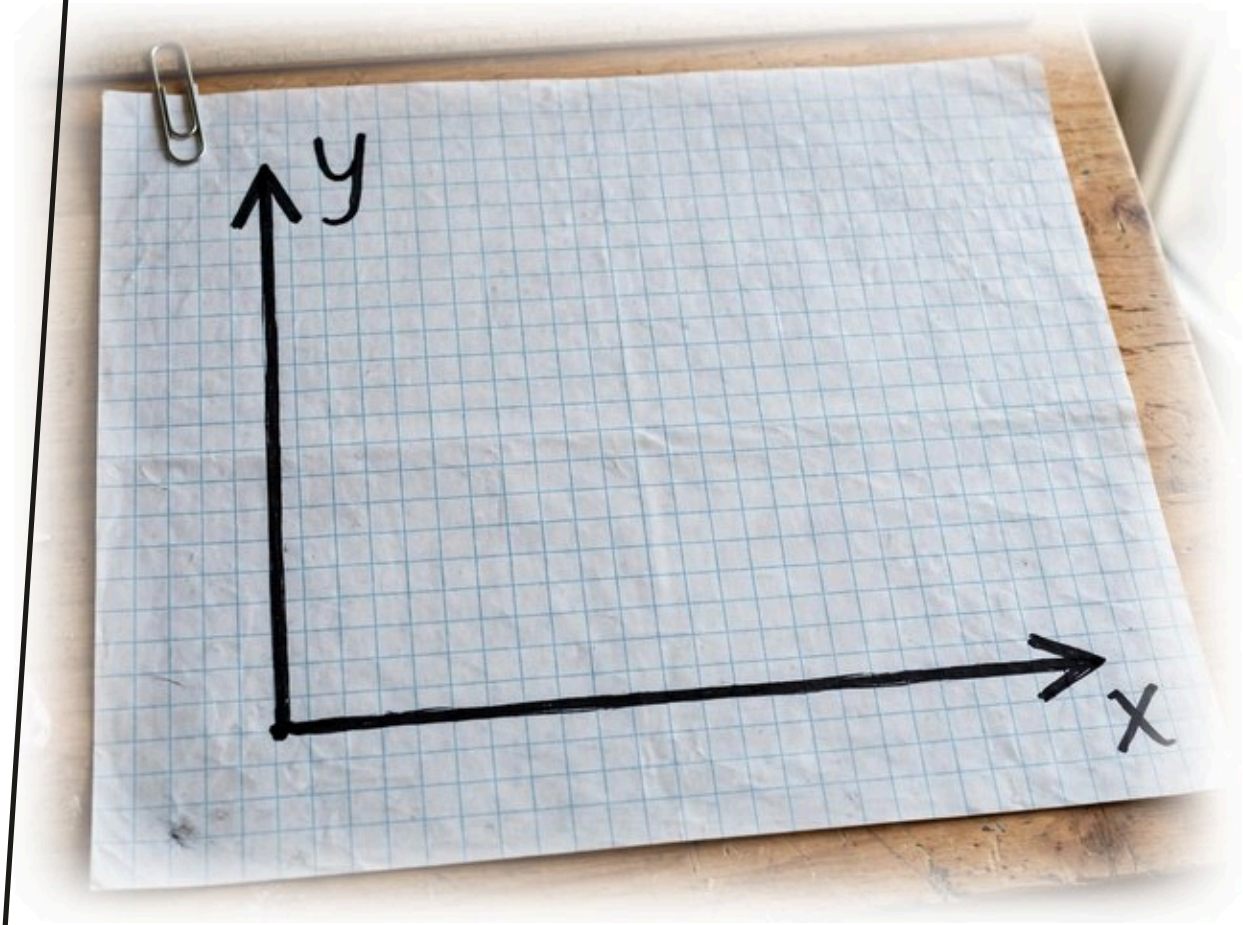
CALIFORNIA ALGEBRA II · UNIT 1 · 5 QUESTIONS

Functions and Polynomial Functions 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 **If f(x) = 5x - 4, then f(6) is**



A 34

B 26

C 22

D 30

Understand It with Pulse | Flag a mistake

2 **If $h(x) = x^2 - 4x + 3$, then $h(5)$ is**

A 18

B 13

C 3

D 8

Understand It with Pulse | Flag a mistake

3 **The domain of $f(x) = \sqrt{x + 7}$ is**

A all real numbers

B $x \geq -7$

C $x > -7$

D $x \geq 7$

Understand It with Pulse | Flag a mistake

4 **The range of $f(x) = -x^2 + 1$ is**

- **A** $y > 1$
- **B** $y \leq 1$
- **C** $y \geq 1$
- **D** $y \geq -1$

Understand It with Pulse | Flag a mistake

5 **The vertex of $y = (x - 5)^2 + 4$ is**

- **A** (5, 4)
- **B** (-5, 4)
- **C** (5, -4)
- **D** (-5, -4)

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. D
3. B
4. B
5. A

© 2026 Brett Robbins. All Rights Reserved.