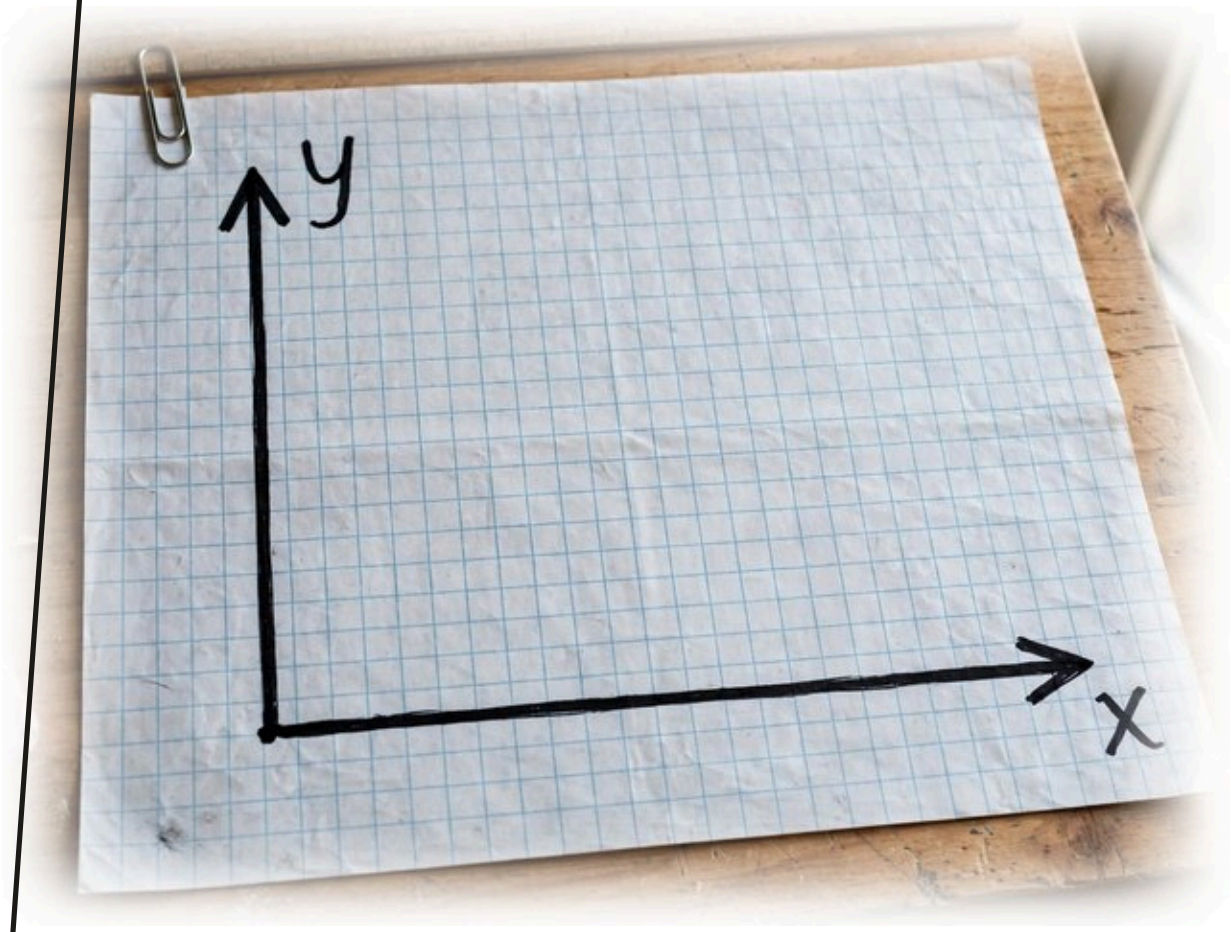
ARIZONA ALGEBRA II · UNIT 1 · 5 QUESTIONS

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 **If f(x) = 6x - 5, then f(3) is**



A 13

B 23

C 11

D 18

Understand It with Pulse | Flag a mistake

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

- A -6
- B 6
- C 0
- D 12

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3 The domain of $f(x) = \sqrt{5 - x}$ is

- A $x \geq 5$
- B $x \leq 5$
- C $x > 5$
- D all real numbers

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4 **The range of $f(x) = -x^2 + 3$ is**

- **A** $y \geq 3$
- **B** $y \leq 3$
- **C** $y > 3$
- **D** $y \geq -3$

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5 **The vertex of $y = (x + 5)^2 - 1$ is**

- **A** (5, -1)
- **B** (-5, 1)
- **C** (-5, -1)
- **D** (5, 1)

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ANSWER KEY

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

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