

JUSTIFIED TRUE OR FALSE - MATH

Decide if each statement below is true or false and provide your reasoning.

Statement	T	F	Explain Your Reasoning
Quadratic equations always have 2 real solutions.			
When solving a quadratic equation, the quadratic formula is a method that will always work.			
The solutions of a quadratic equation are also known as roots, zeros, and x-intercepts.			

Student Responses

Statement	T	F	Explain Your Reasoning
Quadratic equations always have 2 real solutions.		X	The degree of a quadratic is 2, so there are always 2 solutions.
When solving a quadratic equation, the quadratic formula is a method that will always work.	X		The quadratic formula always works unlike factoring or completing the square.
The solutions of a quadratic equation are also known as roots, zeros, solutions, and x-intercepts.	X		Those all mean the same thing. They are also called vertices.

Reflection

What does this information tell you?

What could you do with this information?