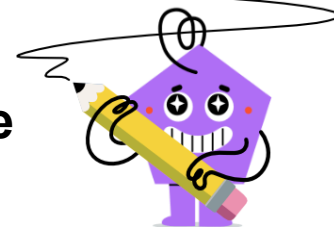# Quadratic Formulas - Name to Purpose

1

What is the purpose of this?	Discriminant
A Find the vertex (turning point) of the graph	B Find the roots (solutions) of the equation
C Find the number and type of roots (solutions)	

2

What is the purpose of this?

X Coordinate of Vertex

A Find the vertex (turning point) of the graph
B Find the roots (solutions) of the equation
C Find the number and type of roots (solutions)

3

What is the purpose of this?	Quadratic Formula
A Find the number and type of roots (solutions)	B Find the vertex (turning point) of the graph
C Find the roots (solutions) of the equation	