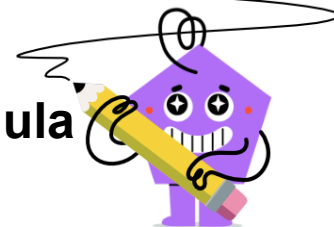




Quadratic Formulas - Purpose to Formula

**1**

What is the equation for this?

Find the number and type of roots (solutions)

A $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

B $x = \frac{-b}{2a}$

C $\Delta = b^2 - 4ac$

2

What is the equation for this?

Find the roots (solutions) of the equation

A $\Delta = b^2 - 4ac$

B $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

C $x = \frac{-b}{2a}$

3

What is the equation for this?

Find the vertex (turning point) of the graph

A $x = \frac{-b}{2a}$

B $\Delta = b^2 - 4ac$

C $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$