

EXIT TICKET

End your lesson with a short exit ticket to assess student understanding!

Exit Ticket: Graphing Quadratic Functions

Solve each quadratic equation. Write the solutions in the right column.

1. $\frac{1}{10}(x+6)^2 - 3 = 7$	
2. $4x^2 + 9 = 163$	

State the axis of symmetry, vertex, y-intercept and x-intercept(s). Then graph the quadratic function.

3. $f(x) = \frac{1}{8}(x+2)^2 - 2$

Axis of Symmetry	
Vertex	
Y-intercept	
X-intercept(s)	

Domain	
Range	

Is the function you graphed in #3, increasing or decreasing?