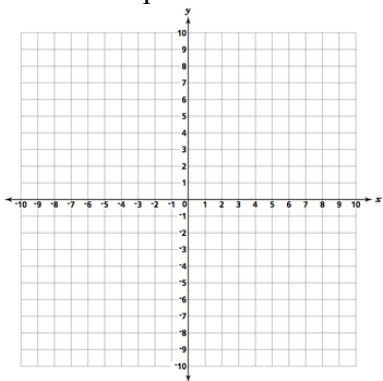| $f(x) = x^2 + 5x - 1$	$f(x) = x^2 - 6x + 9$	$f(x) = x^2 - 3x + 4$
Discriminant: Is it +, - , or 0? What does this tell us about the number of solutions to the above function?	Discriminant: Is it +, - , or 0? What does this tell us about the number of solutions to the above function?	Discriminant: Is it +, - , or 0? What does this tell us about the number of solutions to the above function?
Find solutions using quadratic formula $\{\quad , \quad \}$	Find solutions using quadratic formula $\{\quad , \quad \}$	Find solutions using quadratic formula $\{\quad , \quad \}$
Sketch Graph: 	Sketch Graph: 	Sketch:
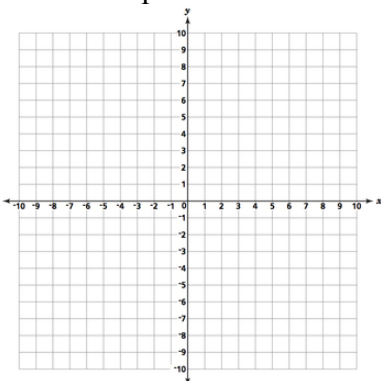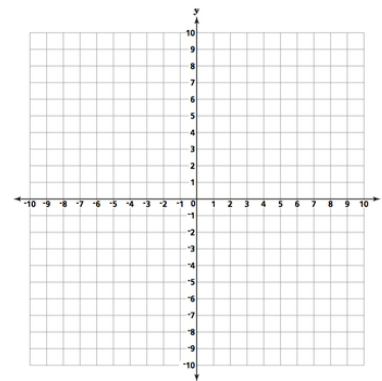
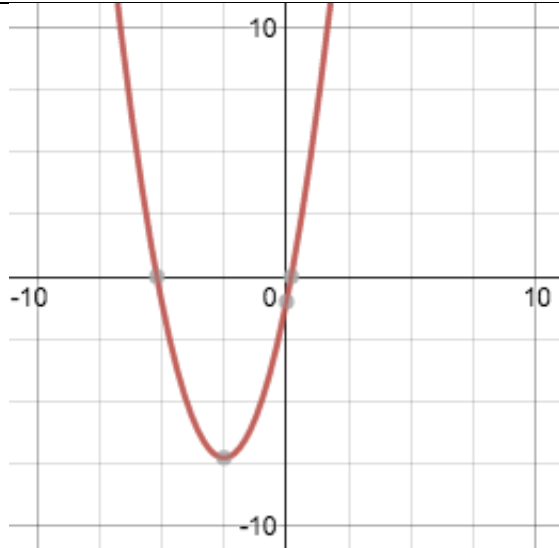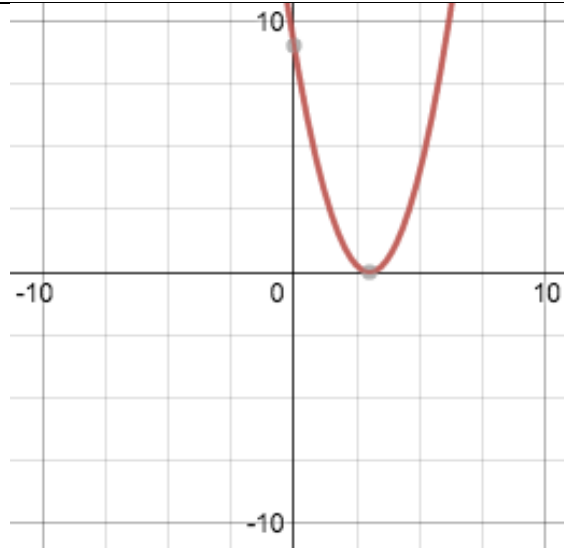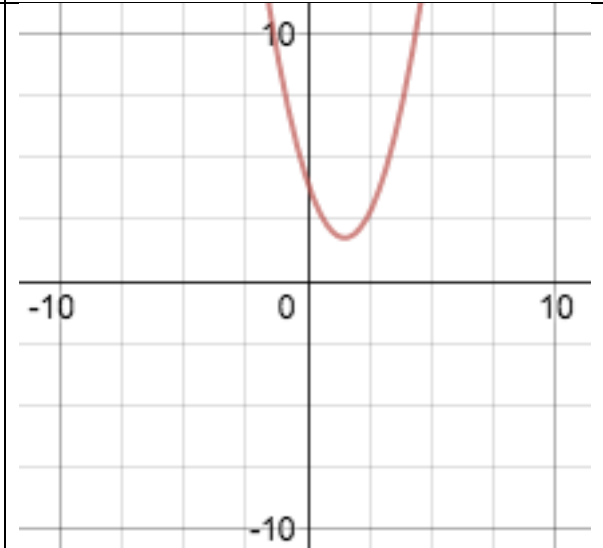| $f(x) = x^2 + 5x - 1$	$f(x) = x^2 - 6x + 9$	$f(x) = x^2 - 3x + 4$
What are the x-intercepts of the function? What are the coordinates of the vertex? The graph of the axis of symmetry is at x=	What are the x-intercepts of the function? What are the coordinates of the vertex? The graph of the axis of symmetry is at x=	What are the x-intercepts of the function? What are the coordinates of the vertex? The graph of the axis of symmetry is at x=
Label the x-intercepts and vertex on the graph and draw the axis of symmetry.	Label the x-intercepts and vertex on the graph and draw the axis of symmetry.	Label the x-intercepts and vertex on the graph and draw the axis of symmetry.