Solution

Quadratic function: is a function that can be written in the form:

of the vertex by finding $j(-7)=1(-7)^2+14(-7)+15-49-98+15--34$ Minimum--34

i(g)=ag²+bg+c where a, b, and c are real numbers and a±0

we have j(g)=g2+14g+15, note: g2+14g+15 is in g1-plane

Since a>0 , we know that the j-coordinate of the vertex is a minimum. However, to find the j-coordinate of our vertex we first need to find the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate, we can find the j-coordinate of our vertex we first need to find the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate, we can find the j-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate, we can find the j-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have the g-coordinate of the vertex by using $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that we have $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{a} = -\frac{14}{a} = -7$ Now that $q = -\frac{b}{$

Here we know that a-1, b-14, c-15