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

r(h)=ah²+bh+c where a, b, and c are real numbers and a+0

we have r(h)=3 h2 - 7 h + 15. note: 3 h2 - 7 h + 15 is in hr-plane

Here, we know that a=3, b=-7, c=15

Since a>0 ,we know that the r-coordinate of the vertex is a minimum. However,to find the r-coordinate of our vertex we first need to find the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2} Now that we have the h-coordinate, we can find the r-coordinate of our vertex we first need to find the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate, we can find the r-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{b}{b}=-\frac{7}{2}=\frac{7}{2}=\frac{7}{2}. Now that we have the h-coordinate of the vertex by using h=-\frac{5}{2}=\frac{7}{2}=\

of the vertex by finding $r(\frac{7}{2}) = 3(\frac{7}{2})^2 - 7(\frac{7}{2}) + 15 = \frac{49}{22} - \frac{49}{22} + 15 = \frac{131}{22}$ Minimum = $\frac{131}{22}$