

$$(h,k) = (5,-4) \rightarrow h = 5, \quad k = -4$$

 $a^2 = 4 \ h^2 = 36 \rightarrow c^2 = a^2 + h^2 = 4 + 36 = 4$

5, k = -4 $a^{2} + b^{2} = 4 + 36 = 40 \rightarrow c = \sqrt{40} \rightarrow foci = (5 \pm \sqrt{40}, -4) or (5 \pm 2\sqrt{10}, -4)$