

function

$$f(x) = \underline{\hspace{4cm}}$$

$$a = \underline{\hspace{1cm}} \quad b = \underline{\hspace{1cm}} \quad c = \underline{\hspace{1cm}}$$

axis of symmetry

$$x = -b/2a \quad x = \underline{\hspace{2cm}}$$

vertex

$$(x, f(x)) = (\underline{\hspace{1cm}} , \underline{\hspace{1cm}})$$

y-intercept

$$(0, c) = (0 , \underline{\hspace{1cm}})$$

opening & minimum/maximum

(Circle one.)

$a > 0$; opens \uparrow . Vertex is minimum.

$a < 0$; opens \downarrow . Vertex is maximum.

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