Quadratic Functions - Fill in the blanks

Key words -

X- axis, downward , upward , parabola , minimum , axis of symmetry, maximum, vertex

The graph of a quadratic function is a U- shaped curve, called a

_____ . The point at which the curve changes direction is

called the _____ . If the parabola opens upward, then the vertex is

a _____ y- value of the function. If the parabola opens

_____ the vertex is the maximum y- value of the

function. The graph is symmetrical about a vertical line drawn through the

vertex, called the _____ . The x- intercepts

are where the graph crosses the _____ .