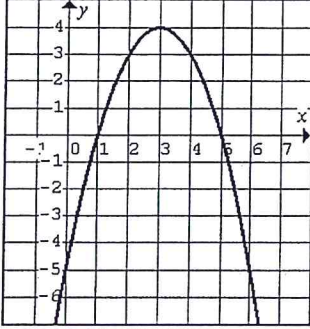
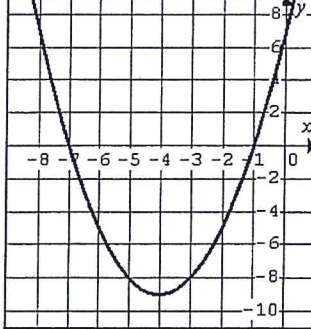
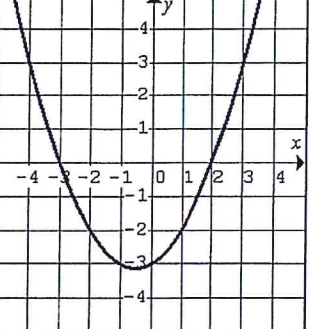
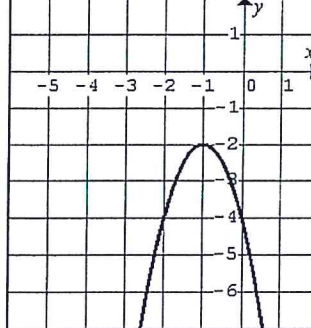
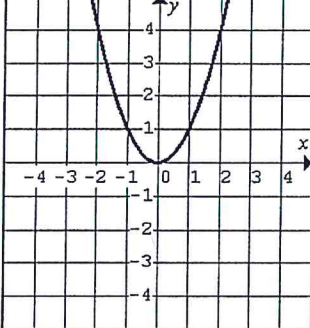
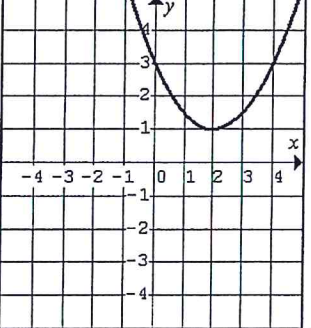


Identifying Parts of a Parabola Worksheet

Key

For each of the following parabolas, identify the following properties:

Parabola Graph			
Vertex	(3, 4)	(-4, -9)	(-0.5, -3.1)
Max/min value	Max	Min	Min
Axis of Symmetry	$x = 3$	$x = -4$	$x = -0.5$
Zero(s)	1 and 5	-1 and -7	-3 and 2
Direction of Opening	↻ down	↻ up	↻ up
y-intercept	(0, -5)	(0, 6)	(0, -3)

Parabola Graph			
Vertex	(-1, -2)	(0, 0)	(2, 1)
Max/min value	Max	Min	Min
Axis of Symmetry	$x = -1$	$x = 0$	$x = 2$
Zero(s)	None	0	None
Direction of Opening	↻ down	↻ up	↻ up
y-intercept	(0, -4)	(0, 0)	(0, 3)