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Class Period:

Name:

Parent Equations	Transformed Equations	Sketch	Locator Point and					
			Significance					

How to find x and y intercepts

$$y = \frac{1}{4}(x-5)^2 - 4$$

How to w	rita aquat	ions from	a granh	and a	statement
HOW TO M	rrite equat	ions from	ı a grabn	anu a	statement

A parabola that has a vertex at (1,1) that goes through the point (-4,76)

Find the vertex and convert to vertex form

$$y = x^2 - 24x + 16$$

Find the vertex and describe the transformation

$$x = (y+1)^2 - 3$$

**Piecewise Functions**