

Assignment

<i>Mapping</i>	<i>Vertex</i>	<i>Transformational form</i>	<i>Standard Form</i>	<i>General Form</i>	<i>Sketch</i>
$(x,y) \rightarrow (x + 3; y - 4)$					
		$\frac{1}{2}(y + 1) = (x - 2)^2$			
			$y = -(x + 3)^2 - 7$		
$(x,y) \rightarrow (x + 1; 2y + 3)$					
			$y = 3(x + 6)^2 + 3$		

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<i>Mapping</i>	<i>Vertex</i>	<i>Transformational form</i>	<i>Standard Form</i>	<i>General Form</i>	<i>Sketch</i>
$(x,y) \rightarrow (x + 3; y - 4)$	$(-3, 4)$	$(y + 4) = (x - 3)^2$	$y = (x - 3)^2 - 4$	$y = x^2 - 6x + 5$	
$(x,y) \rightarrow (x + 2; 2y - 1)$	$(2, -1)$	$\frac{1}{2}(y + 1) = (x - 2)^2$	$y = 2(x - 2)^2 - 1$	$y = 2x^2 - 8x + 7$	
$(x,y) \rightarrow (x - 3; -y - 7)$	$(-3, -7)$	$-(y + 7) = (x + 3)^2$	$y = -(x + 3)^2 - 7$	$y = -x^2 - 6x - 16$	
$(x,y) \rightarrow (x + 1; 2y + 3)$	$(1, 3)$	$\frac{1}{2}(y - 3) = (x - 1)^2$	$y = 2x^2 + 3$	$y = 2x^2 + 3$	
$(x,y) \rightarrow (x - 6; 3y + 3)$	$(-6, 3)$	$\frac{1}{3}(y - 3) = (x + 6)^2$	$y = 3(x + 6)^2 + 3$	$y = 3x^2 + 36x + 111$	