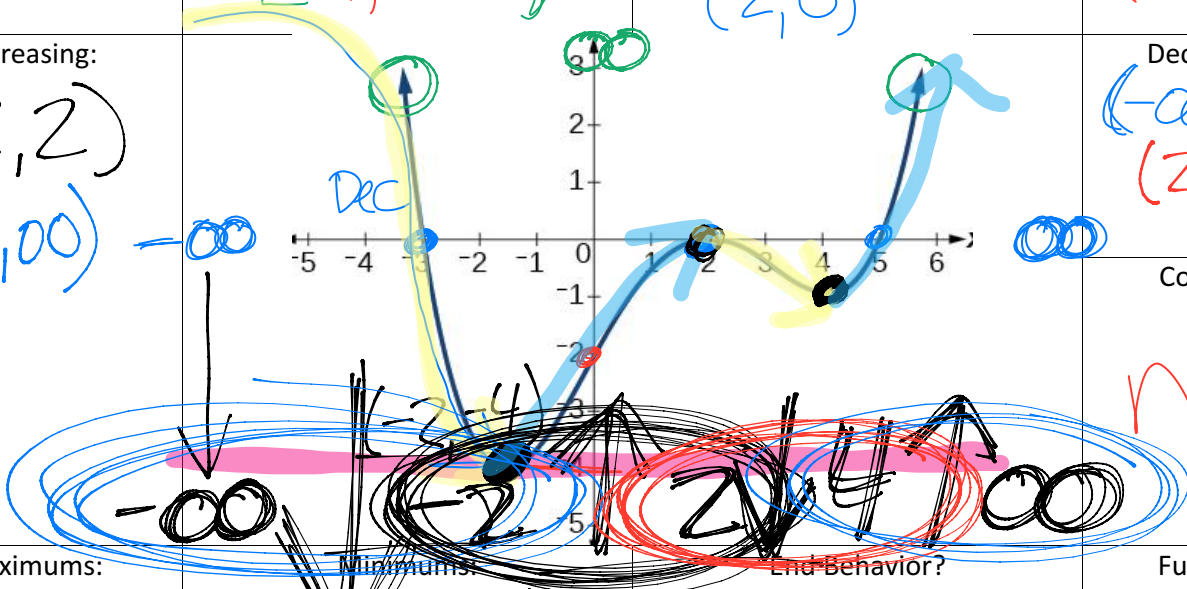


# WARMUP

<p>Domain:</p> <p><math>(-\infty, \infty)</math></p>	<p>Range:</p> <p><math>[-4, \infty)</math></p>	<p>x-intercepts:</p> <p><math>(-3, 0)</math> <math>(5, 0)</math>  <math>(2, 0)</math></p>	<p>y-intercepts:</p> <p><math>(0, -2)</math></p>
<p>Increasing:</p> <p><math>(-2, 2)</math>  <math>(4, \infty)</math></p>	<p>Decreasing:</p> <p><math>(-\infty, -2)</math>  <math>(2, 4)</math></p>	<p>Constant:</p> <p>none</p>	<p>Maximums:</p> <p>None</p>
<p>Absolute:</p> <p>none</p>	<p>Absolute:</p> <p><math>(-2, -4)</math></p>	<p>End Behavior?</p> <p>L  <math>x \rightarrow -\infty, y \rightarrow \infty</math>  R  <math>x \rightarrow \infty, y \rightarrow \infty</math></p>	<p>Function?</p> <p>yes  pass VLT</p>
<p>Relative:</p> <p><math>(2, 0)</math></p>	<p>Relative:</p> <p><math>(4, -1)</math></p>	<p>Minimums:</p> <p><math>(-2, -4)</math></p>	<p>End Behavior?</p> <p>None</p>



# WARMUP

Domain: $(-\infty, \infty)$	Range: $[0, \infty)$	x-intercepts: $(-1, 0)$ $(1, 0)$	y-intercepts: $(0, 2)$
Increasing: $(-1, 0)$ $(1, \infty)$			Decreasing: $(-\infty, -1)$ $(0, 1)$
			Constant: none
Maximums:  Absolute: none  Relative: $(0, 2)$	Minimums:  Absolute: None  Relative: $(-1, 0)$ $(1, 0)$	End Behavior?  $x \rightarrow -\infty, y \rightarrow \underline{\underline{\infty}}$  $x \rightarrow \infty, y \rightarrow \underline{\underline{\infty}}$	Function?  yes

<p>Domain:</p> <p><math>[-8, 7)</math></p>	<p>Range:</p> <p><math>[-6, 4)</math></p>	<p>x-intercepts:</p> <p><math>(-6.5, 0)</math> <math>(-3, 0)</math> <math>(6.5, 0)</math></p>	<p>y-intercept:</p> <p><math>(0, 2)</math></p>
<p>Increasing:</p> <p><math>(-8, -5)</math></p> <p><math>(4, 7)</math></p>			<p>Decreasing:</p> <p><math>(-5, 4)</math> OR <math>(-5, -2)</math> <math>(-2, 2)</math></p> <p>Constant:</p> <p><math>(2, 4)</math></p> <p>none</p>
<p>Maximums:</p> <p>Absolute:</p> <p><math>(7, 4)</math></p> <p>Relative:</p> <p><math>(-5, 1)</math></p> <p><math>(-2, 3)</math></p>	<p>Minimums:</p> <p>Absolute:</p> <p><math>(4, -6)</math></p> <p>Relative: none</p> <p><math>(2, -2)</math> <math>(-2, -1)</math> <math>(-8, -1)</math></p> <p><math>(2, 1)</math></p>	<p>End Behavior?</p> <p>none</p> <p>Does the graph have arrows?</p>	<p>Function?</p> <p>yes</p>