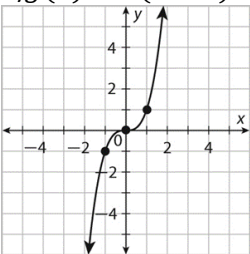
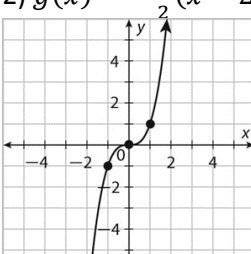
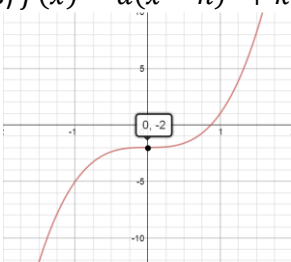


Module 5 Test Review:

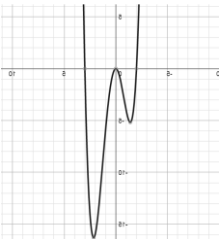
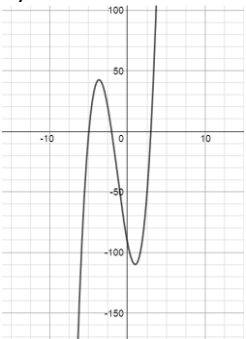
Module 5.1: Graph the transformation:

<p>1) $g(x) = 2(x + 2)^3 + 1$</p> 	<p>2) $g(x) = -\frac{1}{2}(x - 2)^3 - 2$</p> 
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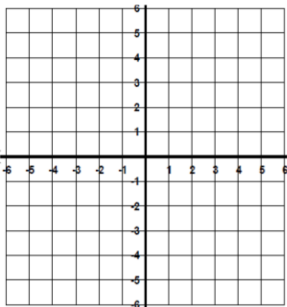
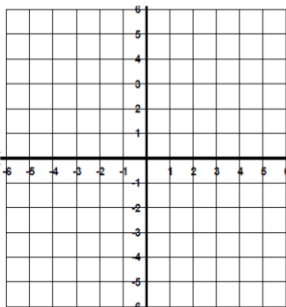
Write the equation of the function

<p>3) $f(x) = a(x - h)^3 + k$</p> 

Module 5.2: Identify whether the function has an odd or even degree and a positive or negative leading coefficient. Also State the number and type (global or local) of any maximum or minimum values.

<p>4)</p> 	<p>Even or odd degree:</p> <p>Positive or negative:</p> <p>Maximums:</p> <p>Minimums:</p> <p>Turning Points:</p>	<p>5)</p> 	<p>Even or odd degree:</p> <p>Positive or negative:</p> <p>Maximums:</p> <p>Minimums</p> <p>Turning Points</p>
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Graph the function. State the end behavior, and x-intercepts.

<p>6) $f(x) = -x(x - 3)(x + 3)$</p>  <p>End Behavior:</p> <p>X-Intercepts</p> <p>Above x- axis:</p> <p>Below x-axis:</p>	<p>7) $f(x) = -(x + 4)^2(x - 1)(x - 6)$</p>  <p>End Behavior:</p> <p>X-Intercepts</p> <p>Above x- axis:</p> <p>Below x-axis:</p>
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