Objective: Sketch the graph of a general function using transformations $\frac{Concept}{F(x) + k \text{ or } g(x) = f\left(\frac{1}{b}(x - h)\right) + k}$			
		If <i>a</i> < 0	the graph of the function will have an x-axis reflection
		If <i>a</i> > 1	the graph of the function will have a vertical stretch by a factor of $ a $
		If $ a < 1$	the graph of the function will have a vertical compression by a factor of $ a $
If <i>b</i> < 0	the graph of the function will have a <i>y</i> -axis reflection		
If <i>b</i> > 1	the graph of the function will have a horizontal stretch by a factor of b		
f b < 1	the graph of the function will have a horizontal compression by a factor of <i>b</i>		
lf <i>h</i> > 0	the graph of the function is translated h units right		
lf <i>h</i> < 0	the graph of the function is translated h units left		
lf <i>k</i> > 0	the graph of the function is translated k units up		
lf <i>k</i> < 0	the graph of the function is translated k units down		

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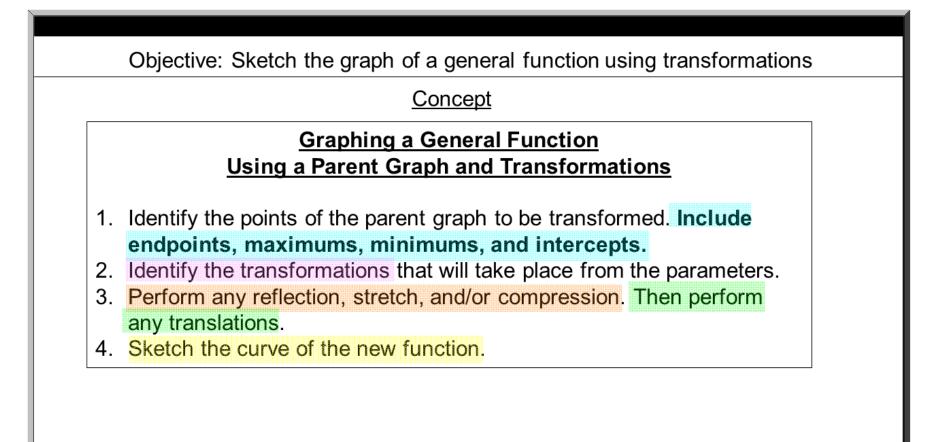
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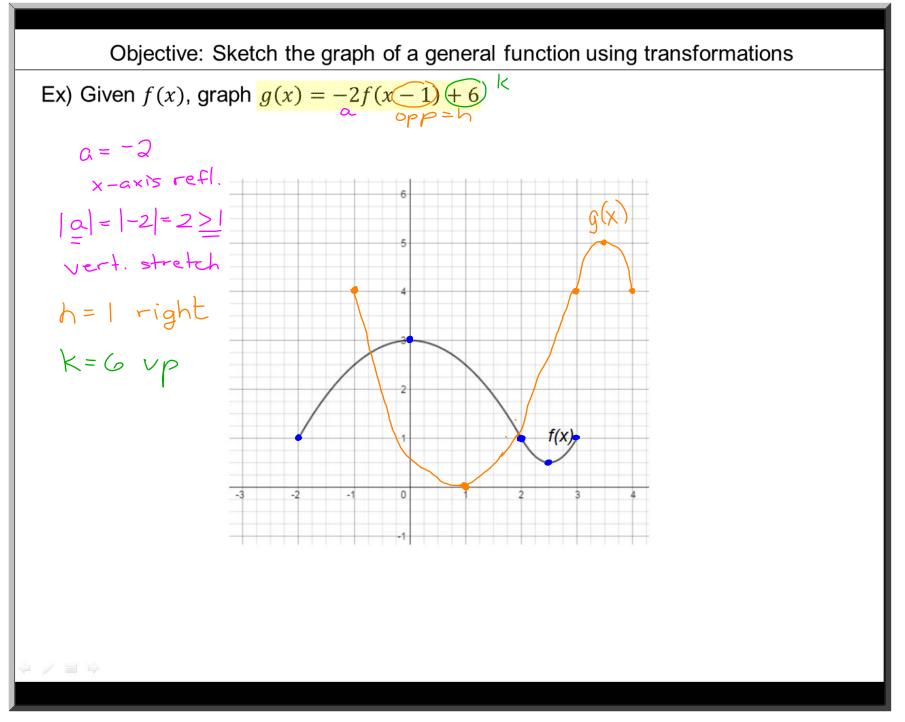
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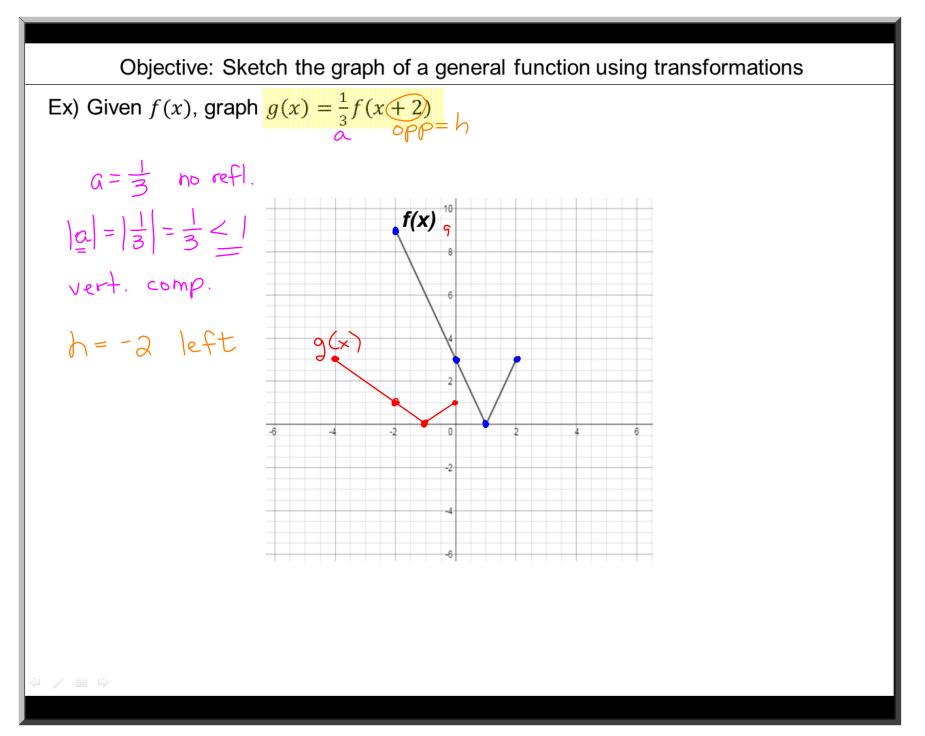
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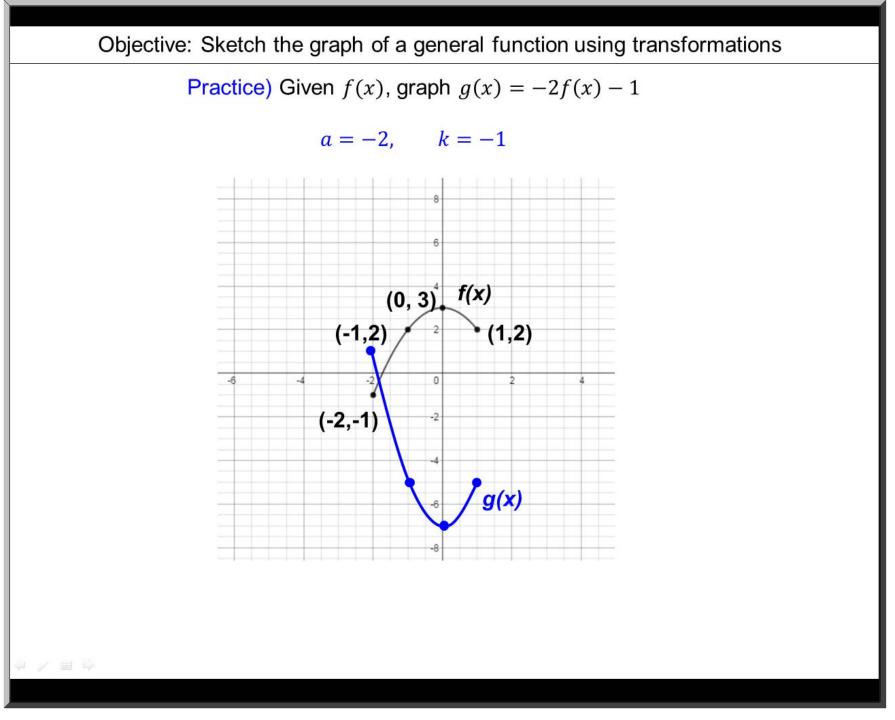
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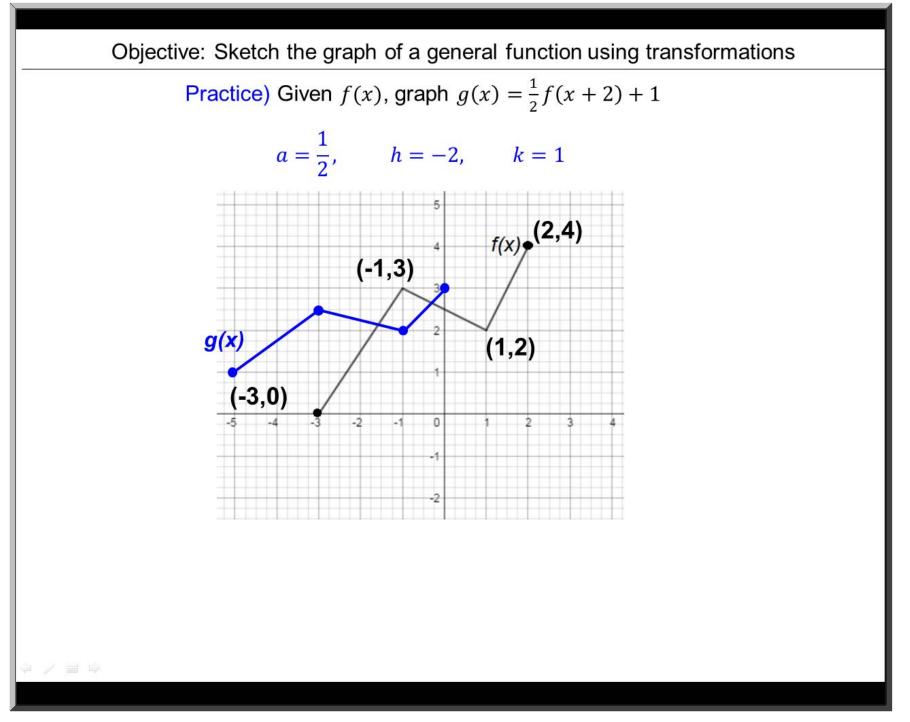


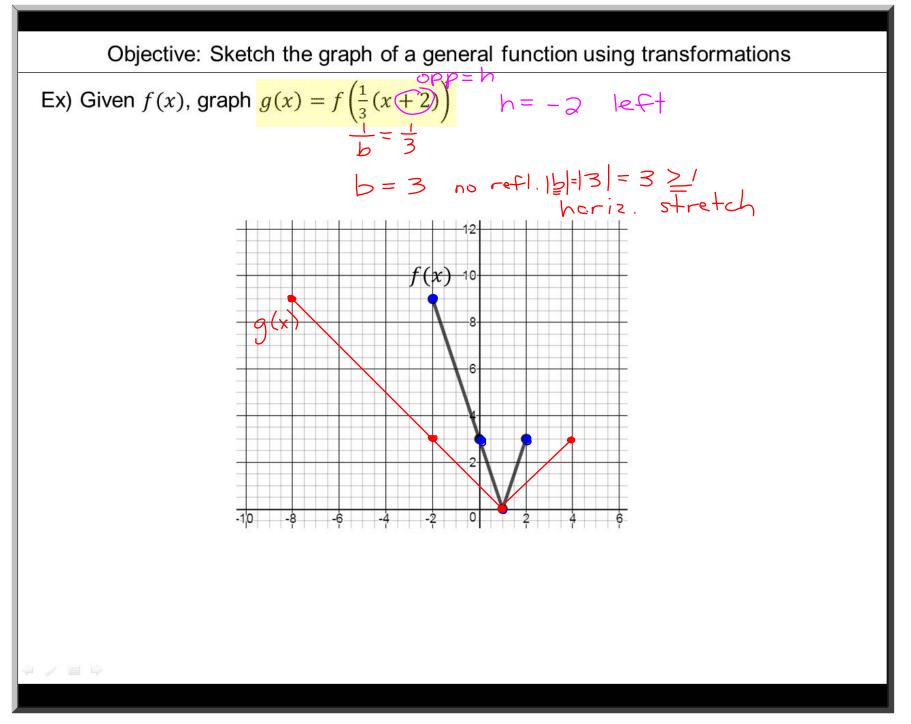




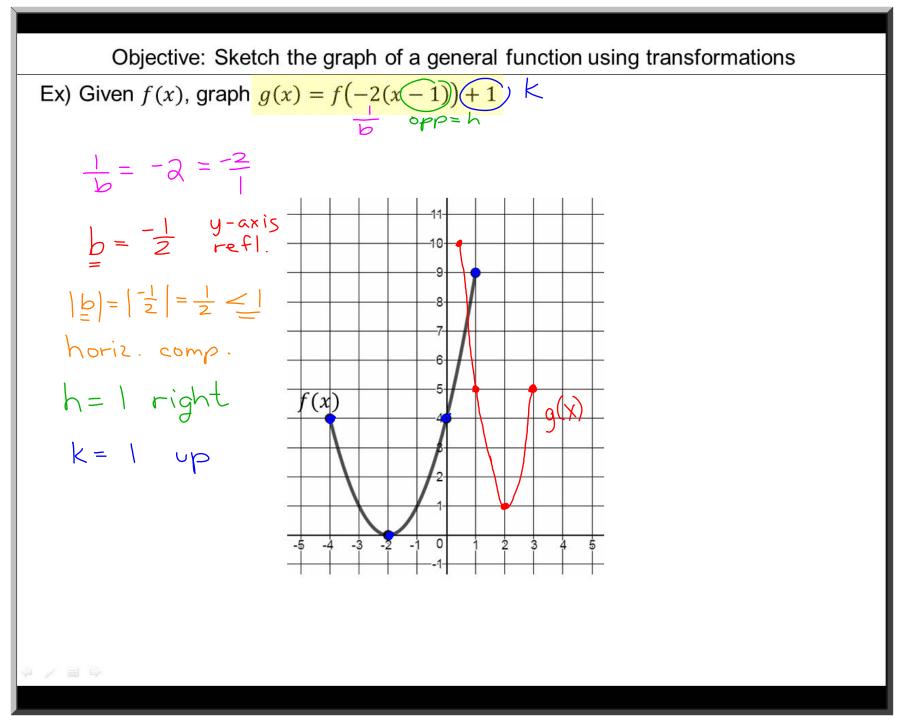


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