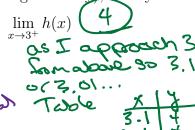
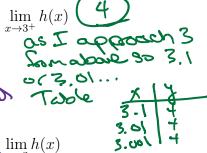
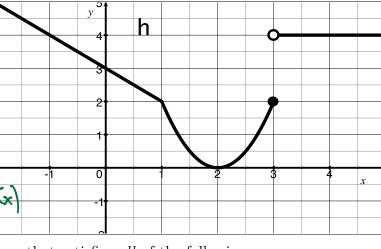
## TMATH 124: Quiz 1

Reasonable supporting work must be shown to earn credit.

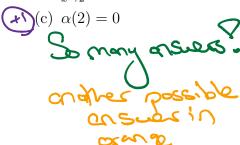
1. [4] Use the graph of h below to find the limits (either numerically, graphically, or algebraically), if they exist:

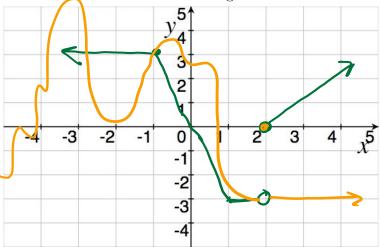




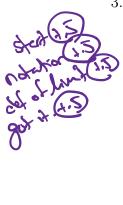


- [4] Sketch the graph of a function  $\alpha$  that satisfies all of the following.
- $\lim_{x \to -1} \alpha(x) = 3$
- (b)  $\lim_{x \to 2^{-}} \alpha(x) = -3$

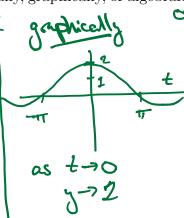




3. [2] Find the limit (either numerically, graphically, or algebraically), if it exists:  $\lim_{t\to 0} \frac{2\sin(t)}{t}$ 



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