Math 108-01 Summer 2025 Dr. Lily Yen

Quiz One Show all your work

Name:		
Number:		
Signature:		
Coore	/5	

Score: $__/5$

Problem 1: Draw the following piece-wise defined function. Hint: $\sqrt{12} = 2\sqrt{3} \approx 3.464$

$$f(x) = \begin{cases} 3 - \frac{x}{2}, & x < 2\\ (4 - x)^2 + 2\sqrt{3}, & 2 \le x \le 4\\ \sqrt{x^2 - 4}, & x > 4 \end{cases}$$

