

Math 108-01
Summer 2025
Dr. Lily Yen

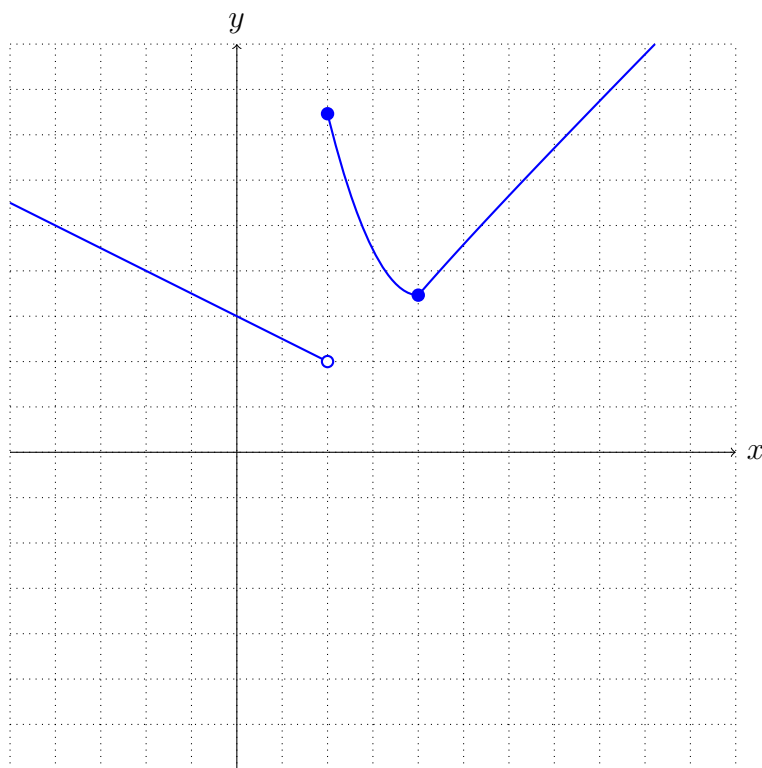
Quiz One

Show all your work

Name: _____
Number: _____
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Score: ____/5

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

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



Score: ____/5