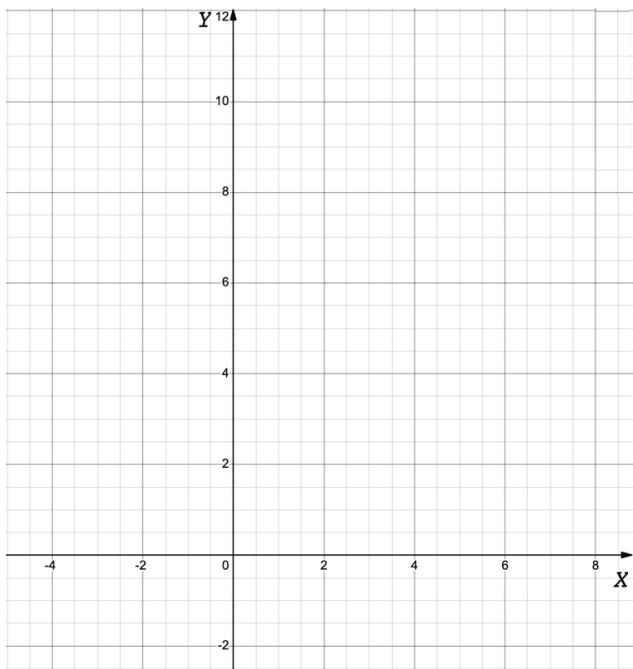# Quiz2, MAT 1375 Professor Chiu

ID:_____   Name:_____

- This quiz consists of 2 questions, each worth 5 points, for a total of 10 points.
- You have 10 minutes to complete the quiz.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.

1. Given $f(x) = x^2 - 2x + 1$. Sketch f and use the vertical line test to explain f is a function of x.

2. Given a function $f(x) = \dfrac{x+1}{x^2-7x+10}$. Find the domain of f.