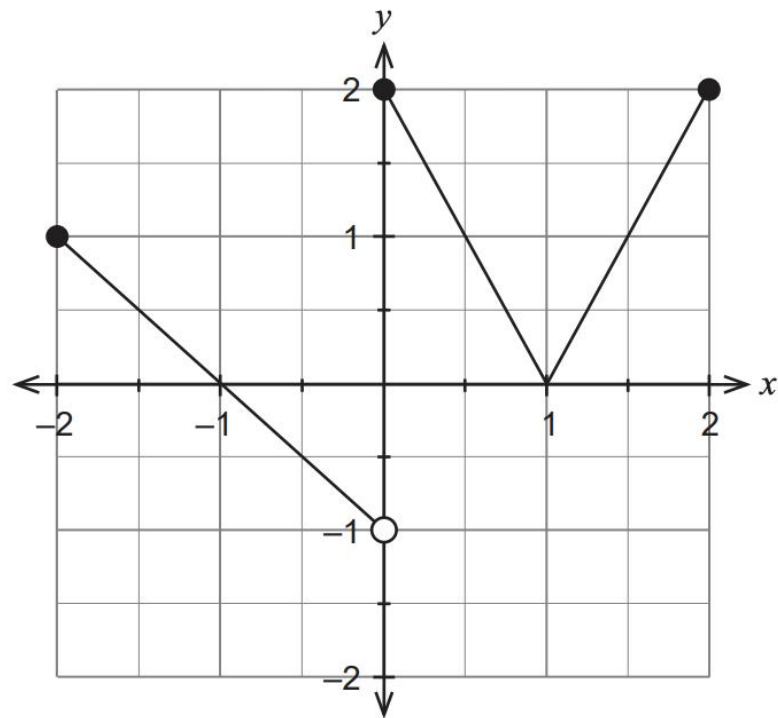


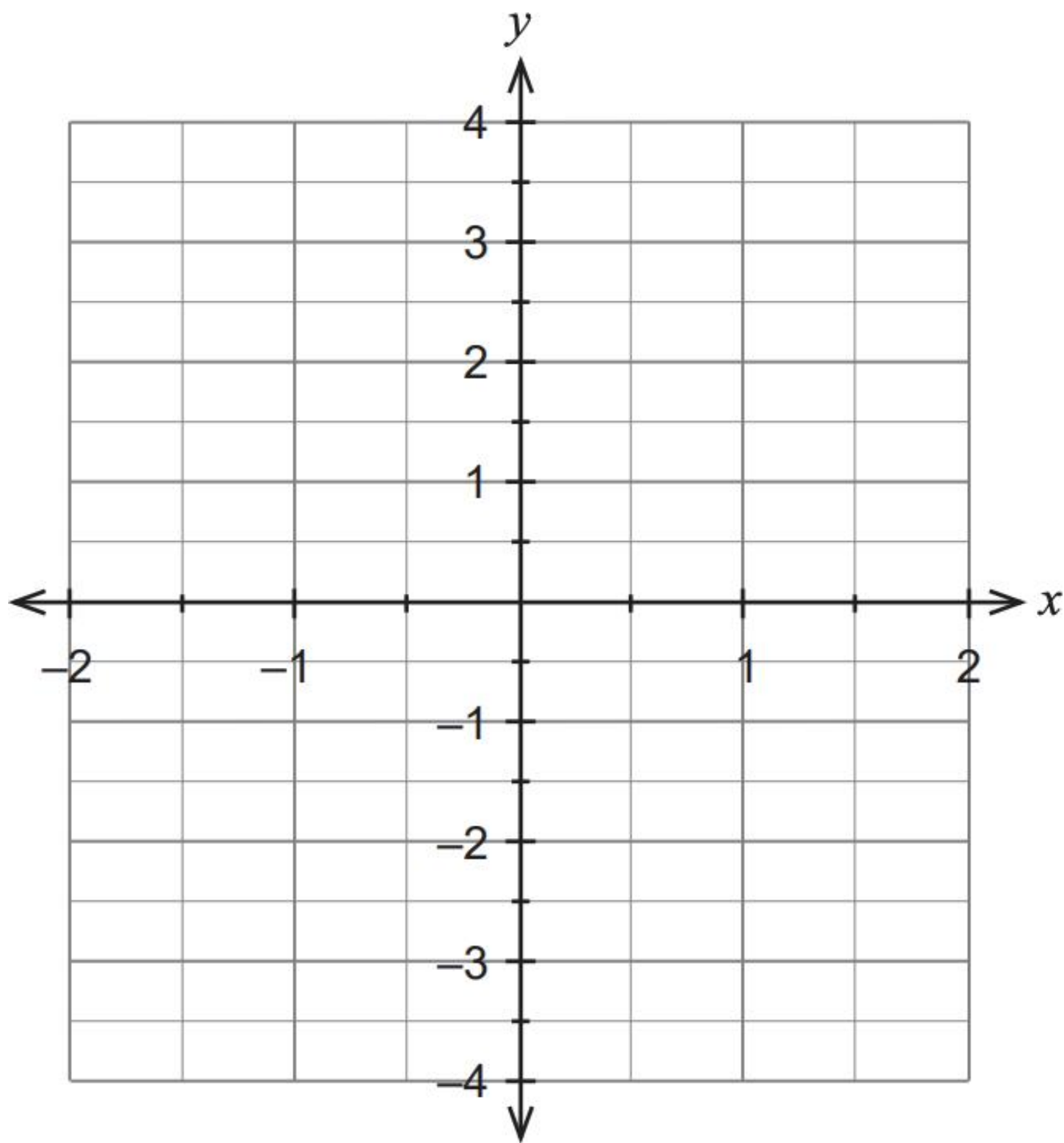
Question 14**(9 marks)**

The graph of $y = f(x)$ is shown below.

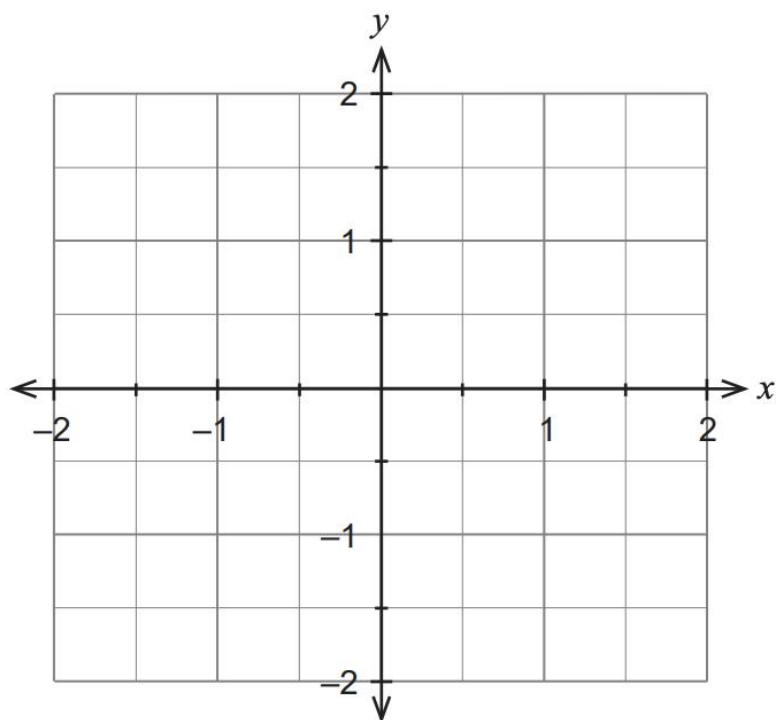


- (a) On the axes below, sketch the graph of $y = \frac{1}{f(x)}$.

(4 marks)



- (b) On the axes below, sketch the graph of $y = f(-|x|)$. (3 marks)



- (c) Solve the equation $|f(x) - 1| = 1$. (2 marks)