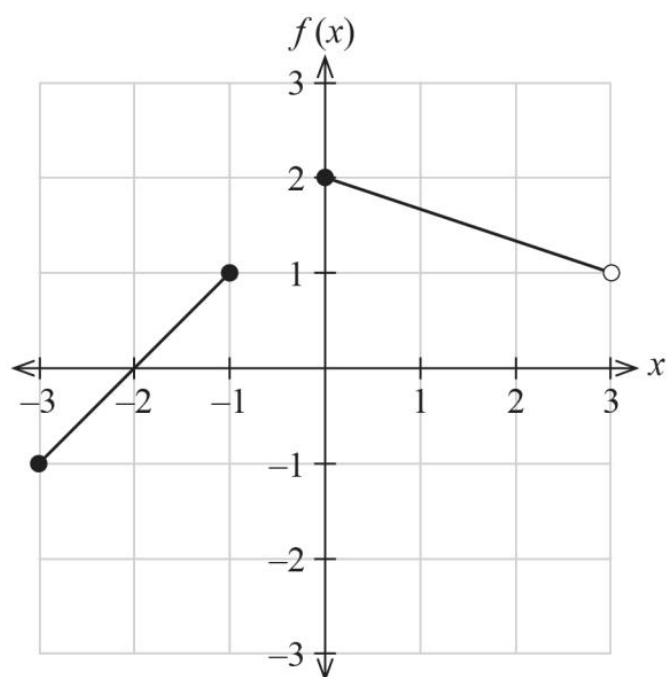


**Question 2****(5 marks)**

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



(a) State the domain for  $g(x) = \sqrt{f(x) - 1}$ . Justify your answer.

**(3 marks)**

(b) State the range for function  $h(x) = \frac{1}{f(x)}$ .

**(2 marks)**