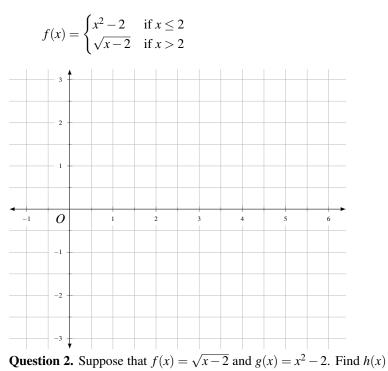
Name:

## Quiz 10

This quiz is graded out of 16 marks. No books, watches, notes or cell phones are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

**Question 1.** (5 marks) Graph the function and state the domain and range:



b. (2 marks)  $h(x) = (g \circ g)(x)$ 

c. (2 marks)  $h(x) = g(1/x) - (f \cdot g)(4)$ .

Question 3. (5 marks) Find 
$$f^{-1}(x)$$
 for  $f(x) = \sqrt[3]{\frac{5x+1}{2}} - 3$ .

and its domain.

a. (2 marks)  $h(x) = (f \circ g)(x)$