MAC 1147 - Quiz 4   **Name:**

For full credit, you must <u>show all work</u> and <u>circle</u> your final answer.

1 | Compute $f \circ g$:
$f(x) = x^2 + 3x - 1$ and $g(x) = x + 3$

2 | Find the inverse of $f(x)$, assume $x > -4$:
$f(x) = x^2 - 4$

3 | Sketch the graph for f(x) and determine if it is odd, even or neither:
$f(x) = x^2 - 9$