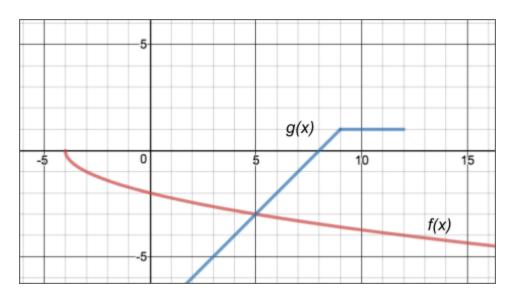| IM3 Quiz 1.1	Name:

1. Given the graph above determine the following: *(6 marks)*
    a. $f(-3)$
    b. $g(6)$
    c. $f(g(4))$
    d. At what point does $f(x) = g(x)$

2. As you can see above, the function $g(x)$ is a piecewise function. Please determine the equation of $g(x)$. Be sure to include the necessary domain restrictions. *(5 marks)*

3. Given the function $y + 2 = \frac{1}{2}(x - 6)$, rewrite this function in two other forms. *(4 marks)*