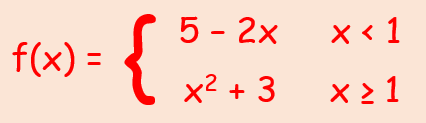
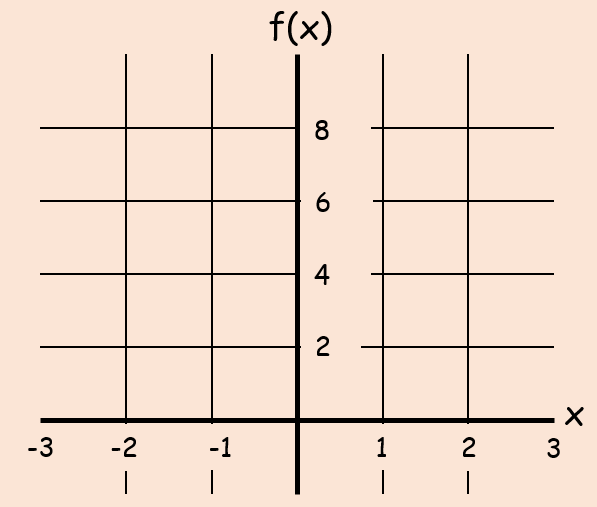
**2B Part 2 Solving Equations with Functions**

1. Given that the function g(x) = 2x2 + 3, find;
2. the value of g(3)
3. the value(s) of a such that g(a) = 35
4. the range of the function
5. The function f(x) is defined by:



1. Sketch f(x) stating its range



1. Find the values of a such that f(a) = 19