## Mathematics 122

(1) Graph y = 6x and  $y = 3x^2$  on the same pair of axis.

(2) Find the points where the graphs of y = 6x and  $y = 3x^2$  intersect and show them on your graph of Problem 1.

(3) Find the area between the graphs of y = 6x and  $y = 3x^2$ .

Area =