Present neatly ~~on separate paper~~. Justify for full credit. No Calculators.

Name _____   Score _____ A (10 minutes)

1)

Use the limit definition to find the precise area enclosed by the graphs of $f(x) = x^3 - x, y = 0, x = -1, x = 0$.

Present neatly ~~on separate paper~~. Justify for full credit. No Calculators.

Name _____　Score _____ F (10 minutes)

1)

1)

Use the limit definition to find the precise area enclosed by the graphs of $f(x) = x^2 - x^3, y = 0, x = 0, x = 1$.