

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

Name _____ Score _____ 10 minutes

1.

Find all points on the curve $x^2y^2 + xy = 2$ where the slope of the tangent line is -1 .

2.

. If $f(x) + x^2[f(x)]^3 = 10$ and $f(1) = 2$, find $f'(1)$.
