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

Name _____   Score _____   10 minutes

Use implicit differentiation to find an equation of the tangent line to the curve at the given point.

a)

$\sin(x + y) = 2x - 2y, \quad (\pi, \pi)$

b)

$y \sin 2x = x \cos 2y, \quad (\pi/2, \pi/4)$