

Present neatly. Justify for full credit. No Calculators.

Name \_\_\_\_\_ Score \_\_\_\_\_ ~10 minutes / A

Find equations to the tangent line and normal line to the curve at the given point.

$$y = \sqrt{1 + 4 \sin x}, \quad (0, 1)$$

Present neatly. Justify for full credit. No Calculators.

Name \_\_\_\_\_ Score \_\_\_\_\_ ~10 minutes / F

Find equations to the tangent line and normal line to the curve at the given point.

$$x^2 + 4xy + y^2 = 13, \quad (2, 1)$$