Q	UICK	REVIEW	/ #8 – E	QUATION	OF THE T	ANGENT LINE

Name______

1. Find the equation of the line tangent to the graph at the given location.

_____a. $y = x^3 - 3x$ at x = 3

_____b. $y = 4 - 3x - x^2$ at (0, 4)

c. $y = (x^2 + 4x + 4)^2$ at x = -2

2. Find the equation of the normal to the graph of:

_____a. $y = \frac{3x+5}{x-1}$ at x = 3

3. Find the equation of the tangent to the graph of:

_____a. $y = \sqrt{x^3 - 15}$ at (4, 7)