

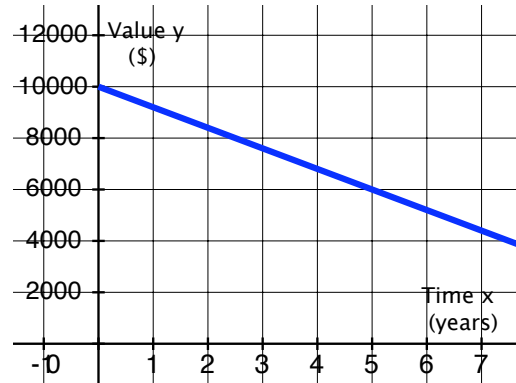
Math 80 Quiz #4
February 2, 2010

Name: _____

Show all work on a separate sheet. Put a box around your final answer. No calculators are permitted.

1. (2 pts.) Graph $y = \frac{4}{5}x - 3$. (Draw a nice xy -plane and label your points or your axes.)

2. (a) (2 pts.) Write an equation for the line shown, which shows the value y of a copier x years after purchased.



(b) (1 pt.) Using your equation from part (a), what is the value of the copier after 10 years?

3. (2 pts.) Are the following lines parallel, perpendicular, or neither? **Explain.** $y = 4x + 1$ $y = -4x$

4. (3 pts.) Write an equation for the line through the points $(3, -5)$ and $(-1, 3)$.

Notes: Slope-Intercept Form $y = mx + b$ Point-Slope Form $y - y_1 = m(x - x_1)$