Mathematics 122 Quiz #11   Name: _____

Let $y = f(x)$ be the function
$$f(x) = \sqrt{x}.$$
Then answer the following

1. By using your calculator give a good estimate of the slope to the tangent line to $y = \sqrt{x}$ at the point where $x = 3$.

                                    Slope = _____

2. What is the tangent line to $y = \sqrt{x}$ at the point where $x = 3$

                                    _____