Name: ID: SR: Question1: If $r = \cos(f(t))$, $f(0) = \frac{\pi}{3}$, and f'(0) = 1. Find the tangent equation to the curve of r when t = 0

Question2: If $2\sqrt{y} = x - y$, find y at the point (8,4)

Question3. Find the derivative of $y = \log_2 \left(\frac{x^2 e^2}{2\sqrt{x+1}} \right)$.