Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Find an equation for the tangent line to the graph of $f(x) = 3\sqrt[3]{x} + \dfrac{6}{\sqrt[3]{x}}$ at $x = 8$.

2. Use the quotient rule to find an equation for the tangent line to the graph of $f(x) = \dfrac{1 - 2x}{2x + 1}$ at $x = 1$.