## Quiz 5 Calculus 1 12/6/2016

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Evaluate  $\int_1^3 (x^2 + 1) dx$ .

2. Evaluate  $\int_0^1 x \left(\sqrt{x} + \sqrt[3]{x}\right) dx$ .