

Name: _____

MA 2320 Quiz 5

Compute the following integrals.

1. $\int \frac{1}{(1+x^2)^{3/2}} dx$

2. $\int \frac{x^3}{\sqrt{1-x^2}} dx$

3. $\int \frac{1}{\sqrt{x^2-1}} dx$

4. $\int \frac{1}{x^2(x-1)} dx$

5. $\int \frac{3x^2+3x+1}{2x^3+x} dx$