

Name: _____

MA 2320 Quiz 4

Compute the following integrals.

1. $\int x e^x dx$

2. $\int x e^{x^2} dx$

3. $\int x^2 e^x dx$

4. $\int \arctan(x) dx$

5. $\int x \sin(4x) dx$

6. $\int \sin(2x) \cos(2x) dx$

7. $\int \sin^2(3x) \cos(3x) dx$

8. $\int \sin^3(x) dx$

9. $\int \sin^2(7x) dx$