

B4. **MATH 1700: Test #4**

Name _____

Student number _____

[8] 1. Evaluate $\int x^2 \ln x \, dx$

[8] 2. Evaluate $\int 2 \sin x \cos^2 x \, dx$

[9] 3. Evaluate $\int x^3 \sqrt{x^2 - 1} \, dx$