系級：＿＿＿＿＿＿＿＿　　　學號：＿＿＿＿＿＿＿　　　姓名：＿＿＿＿＿＿＿

1. $\int \sin^2 2x\, dx = ?$

2. $\int \dfrac{1}{4x^2 + 16}\, dx = ?$

3. $\int e^{2x} \cos 3x\, dx = ?$

4. $\int \dfrac{\sqrt{\ln x}}{x}\, dx = ?$

5. $\int \ln x\, dx = ?$