Name: ───────────────────────────

ID #: ──────────────   **Serial#:**   ──────────────

1. **Evaluate the following integrals:**

$(a) \int \dfrac{x-3}{(x^2+2x+4)^2} \, dx$

$(b) \int \dfrac{\cos x}{\sin^2 x + \sin x} \, dx$

$(c) \int \dfrac{x \sin x}{\cos^2 x} \, dx$

Good luck
Khaled Al-Anezy