Math 11B Discussion Section

Evaluate each of the following integrals.

(a) $\int_{-3}^{4} \cos(x) - \frac{3}{x^5} \, dx$

(b) $\int_{-2}^{1} 5z^2 - 7z + 3 \, dz$

(c) $\int_{0}^{\frac{\pi}{2}} 7\sin(t) - 2\cos(t) \, dt$

Evaluate the given integral.

(a) $\int 4x^6 - 2x^3 + 7x - 4 \, dx$

(b) $\int w^{-2} + 10w^{-5} - 8 \, dw$

(c) $\int \frac{z^8 - 6z^5 + 4z^3 - 2}{z^4} \, dz$