

FRIDAY 10/16

$$1. \int \frac{dx}{x^3 \sqrt{x^2-4}}$$

$$3. \int_2^{\infty} \frac{1}{x^2} dx$$

$$4. \int x^3 \cos(x^4+2) dx$$

$$2. \int \frac{x^2+2}{(x-1)(2x-8)(x+2)} dx$$

$$5. \int x \sec^2 x dx$$