

## Quiz Tomorrow

Review:

$$1) \int \cos x \, dx$$

$$2) \int_1^4 x^3 + 4x^2 \, dx$$

$$3) \int \frac{1}{(1+4x)^5} \, dx$$

$$4) \int \frac{x}{(4x^2+1)^3} \, dx$$

$$5) \int_0^{\pi/2} \sin x \, dx$$

$$6) \int x \cos(3x^2) \, dx$$

$$7) \int x^2 \sec^2(x^3) \, dx$$

$$8) \int_5^7 2x \sqrt{7+4x^2} \, dx$$

Study Guide: Section 5.8

#s 2, 11, 21