

Math 1210 #28B
28.5 Extra Integrating

EX 1

$$\int \sin(2x - 4) dx$$

EX 2

$$\int x^4 \cos(\pi x^5 - \sqrt{7}) dx$$

EX 3

$$\int x^6(7x^7 + \pi)^8 \sin((7x^7 + \pi)^9) dx$$

EX 4

$$\int_0^2 \frac{x^2}{(9 - x^3)^{\frac{3}{2}}} dx$$

EX 5

$$\int_0^{\pi/2} \sin x \sin(\cos x) dx$$

EX 6

$$\int_1^2 \left(1 + \frac{1}{t^2}\right)^2 \left(\frac{1}{t^2}\right) dt$$