

28.5 Extra Integrating

$$\text{EX 1 } \int \sin(2x-4) dx$$

$$\text{EX 2 } \int x^4 \cos(\pi x^5 - \sqrt{7}) dx$$

$$\text{EX 3 } \int x^6 (7x^7 + \pi)^8 \sin[(7x^7 + \pi)^9] dx$$

$$\text{EX 4 } \int_0^2 \frac{x^2}{(9-x^3)^{\frac{3}{2}}} dx$$

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$$\text{EX 5} \quad \int_0^{\pi/2} \sin x \sin(\cos x) dx$$

$$\text{EX 6} \quad \int_1^2 \left(1 + \frac{1}{t^2}\right)^2 \left(\frac{1}{t^2}\right) dt$$