

7.3 Tables of Integrals

Name:

Date:

P 1. Find

$$\int x^5 \ln x \, dx$$

P 7. Find

$$\int \sin^4 x \, dx$$

P 13. Find

$$\int \frac{1}{3 + y^2} dy$$

P 15. Find

$$\int \frac{dx}{\sqrt{25 - 16x^2}}$$

P 23. Find

$$\int y^2 \sin 2y \, dy$$

P 31. Find

$$\int \frac{dz}{z(z-3)}$$

P 35. Find

$$\int \sin^3 x \, dx$$

P 51. Find

$$\int (2x + 1)^3 \ln(2x + 1) \, dx$$