

. . . work to do even with a “cheat sheet”

1.

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

2.

$$\int x^3 \ln x dx$$

3.

$$\int \cos \sqrt{x} dx$$

4.

$$\int \frac{x}{16x^4 - 1} dx$$

5.

$$\int \sqrt{5x - 9x^2} dx$$

6.

$$\int \frac{\sin 3x}{(\cos 3x)(\cos 3x + 1)} dx$$