

$$\int_4^8 2x^2 + x^3$$

$$\int_8^{27} \sqrt[3]{x}$$

$$\int_4^9 \sqrt{x}$$

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

$$\int_0^{\pi/2} \cos x \, dx$$

$$\int_0^{\pi} \sec^2 x \, dx$$

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

$$\int_{\pi/2}^{\pi/4} \cos x + x \, dx$$

$$\int_{\pi/2}^{\pi} \sec^2 x + x^2 \, dx$$