

$$\int \tan^2(x) \, dx$$

$$\int \sin^2(x) \, dx$$

$$\int 3 \sin(x)\cos(x) \, dx$$

$$\int \sin^2(x)\cos^2(x) \, dx$$

$$\int (\sec(x) + \tan(x))^2 \, dx$$

$$\int \cos(4x)\sin(2x) \, dx$$