Calculus Worksheet

Integrals of Trigonometry Functions (1)

1. \( \int Sin4x \, dx = \)

2. \( \int tan9\theta \, d\theta = \)

3. \( \int \theta^2 Csc\theta^3 \, d\theta = \)

4. \( \int Cot(5 - 4\theta) \, d\theta = \)

5. \( \int x^2 Sec(2x^3 - 1) \, dx = \)

6. \( \int_{\pi/4}^{\pi/3} Sin^2xCosx \, dx = \)

7. Find the area between the curve \( y = sinx \) and \( x \) axis from \( x = 1 \) rad to 4 rad.