

DÚ'8

SUBSTITUTE

$$1) \int \frac{2x^3}{5x^4+3} dx =$$

$$2) \int \cot y \cdot x \, dx =$$

$$3) \int [\sin 7x + (5x+4)^9] dx =$$

$$4) \int \sqrt{4x^3-8} \cdot 2x^2 \, dx =$$

$$5) \int \cos^3 x \cdot \sin x \, dx =$$

$$6) \int x \cdot e^{3x^2} \, dx =$$

$$7) \int e^x \cdot \cos e^x \, dx =$$

$$8) \int \frac{2}{\sin^2(3x+1)} \, dx =$$