

Worksheet: Integrals of powers of sin and cos

Compute these integrals with a group, if possible!

A.
$$\int_{\pi/4}^{\pi/3} \cos^4 x \sin x \, dx =$$

B.
$$\int \cos^3 x \sin^4 x \, dx =$$

C.
$$\int \sin^2(4x) \, dx =$$

D.
$$\int e^{\sin x} \cos^3 x \, dx =$$

E.
$$\int \sin 2x \cos x \, dx =$$