Worksheet: Various trigonometric integrals

Compute these integrals with a group, if possible!

A. $\displaystyle\int \tan(4x)\,dx =$

B. $\displaystyle\int \sec^2 x \tan^3 x \, dx =$

C. $\displaystyle\int_0^\pi \sin(4x)\cos(3x)\,dx =$

D. $\displaystyle\int \tan^4 t \, dt =$

E. $\displaystyle\int \sec(2x)\,dx =$