

Instrucción: Relaciona correctamente la función trigonométrica con su derivada respectiva.

Auxíliate con el formulario anexo en

https://drive.google.com/file/d/1rcP3DrhSK1YuDEmY1XZaWye1nMpb9PYe/view?usp=drive_web&authuser=0

DERIVADAS DE FUNCIONES TRIGONOMÉTRICAS

1. $y = \sin x$	$y' = \sec^2 x$
2. $y = \cos x$	$y' = -3x^2 \csc x^3 \cot x^3$
3. $y = \tan x$	$y' = \sec x \tan x$
4. $y = \cot x$	$y' = 3 \sec^2 3x$
5. $y = \sec x$	$y' = -\sin x$
6. $y = \csc x$	$y' = 2 \cos 2x$
7. $y = \sin 2x$	$y' = -2x \csc^2 x^2$
8. $y = \cos 5x$	$y' = \cos x$
9. $y = \tan 3x$	$y' = 6x \sec 3x^2 \tan 3x^2$
10. $y = \cot x^2$	$y' = -\csc x \cot x$
11. $y = \sec 3x^2$	$y' = -5 \sin 5x$
12. $y = \csc x^3$	$y' = -\csc^2 x$

