

Quiz 4

Simplify $-\tan(-x)\cot(-x)$

Solution: $-\tan(-x)\cot(-x) = -\frac{\sin(-x)}{\cos(-x)} \frac{\cos(-x)}{\sin(-x)}$
 $= -\frac{(-\sin/x)}{\cos/x} \frac{\cos/x}{-\sin/x}$

 $= \frac{(-1)(-1)}{(-1)}$
 $= -1$