

## Trigonometric Identities

Copy and complete the table below.

Opposite	Adjacent	Hypotenuse	$\sin x$	$\cos x$	$\tan x$	$\sin^2 x$	$\cos^2 x$	$\sin^2 x + \cos^2 x$	$\frac{\sin x}{\cos x}$
3 units	4 units	5 units							
5 units	12 units	13 units							
7 units	24 units								
	8 units	17 units							
6 units		10 units							
			$\frac{28}{53}$						
			$\frac{39}{89}$						
				$\frac{36}{85}$					
				$\frac{56}{65}$					
					$\frac{35}{12}$				
						$\frac{65}{72}$			