

Compléter les tableaux suivants :

/ 100

Expression	$\cos x$	$-\cos x$	$\sin x$	$-\sin x$	Point
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi - x) =$					
$\cos(-x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi - x) =$					
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\cos(-x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi + x) =$					
$\sin(\pi - x) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(-x) =$					
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\sin(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\cos(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\sin(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
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$\sin\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi - x) =$					
$\cos(-x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\cos(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(\pi + x) =$					
$\sin(-x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi - x) =$					

Expression	$\cos x$	$-\cos x$	$\sin x$	$-\sin x$	Point
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi - x) =$					
$\sin(-x) =$					
$\cos(\pi - x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos(-x) =$					
$\cos(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi - x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(-x) =$					
$\cos(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\sin(\pi + x) =$					
$\cos(-x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\sin(\pi - x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(\pi - x) =$					
$\sin(-x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(-x) =$					
$\cos(\pi + x) =$					
$\sin(\pi - x) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi - x) =$					
$\cos(\pi + x) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\cos(-x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi - x) =$					
$\sin(-x) =$					
$\cos(\pi - x) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos\left(\frac{\pi}{2} - x\right) =$					
$\sin(-x) =$					
$\sin(\pi - x) =$					
$\cos\left(\frac{\pi}{2} + x\right) =$					
$\sin(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\cos(-x) =$					
$\sin\left(\frac{\pi}{2} + x\right) =$					
$\cos(\pi + x) =$					
$\sin\left(\frac{\pi}{2} - x\right) =$					
$\sin(\pi + x) =$					

Expression	$\cos x$	$-\cos x$	$\sin x$	$-\sin x$	Point
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi - x) =$			✓		
$\cos(-x) =$	✓				
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\cos(\pi - x) =$		✓			
$\sin(-x) =$				✓	
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi + x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(\pi - x) =$		✓			
$\sin(-x) =$				✓	
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\sin(\pi - x) =$			✓		
$\sin(\pi + x) =$				✓	
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\cos(-x) =$	✓				
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\cos(\pi + x) =$		✓			
$\sin(\pi - x) =$			✓		
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\cos(-x) =$	✓				
$\sin(\pi + x) =$				✓	
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\cos(\pi - x) =$		✓			
$\sin(-x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin(\pi + x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin(-x) =$				✓	
$\cos(\pi - x) =$		✓			
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\sin(\pi - x) =$			✓		
$\cos(-x) =$	✓				
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\cos(\pi + x) =$		✓			
$\cos(-x) =$	✓				
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\sin(\pi - x) =$			✓		
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin(\pi + x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin(-x) =$				✓	
$\cos(\pi - x) =$		✓			
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\cos(-x) =$	✓				
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi - x) =$			✓		
$\sin(-x) =$				✓	
$\cos(\pi - x) =$		✓			
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin(-x) =$				✓	
$\sin(\pi - x) =$			✓		
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi + x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(-x) =$	✓				
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin(\pi + x) =$				✓	

Expression	$\cos x$	$-\cos x$	$\sin x$	$-\sin x$	Point
$\sin(\pi + x) =$				✓	
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi - x) =$			✓		
$\sin(-x) =$				✓	
$\cos(\pi - x) =$		✓			
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(-x) =$	✓				
$\cos(\pi + x) =$		✓			
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(\pi - x) =$		✓			
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(-x) =$				✓	
$\cos(\pi + x) =$		✓			
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin(\pi + x) =$				✓	
$\cos(-x) =$	✓				
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin(\pi - x) =$			✓		
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(\pi - x) =$		✓			
$\sin(-x) =$				✓	
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi + x) =$				✓	
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\cos(-x) =$	✓				
$\cos(\pi + x) =$		✓			
$\sin(\pi - x) =$			✓		
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(\pi - x) =$		✓			
$\cos(\pi + x) =$		✓			
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\cos(-x) =$	✓				
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi - x) =$			✓		
$\sin(-x) =$				✓	
$\cos(\pi - x) =$		✓			
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos\left(\frac{\pi}{2} - x\right) =$			✓		
$\sin(-x) =$				✓	
$\sin(\pi - x) =$			✓		
$\cos\left(\frac{\pi}{2} + x\right) =$				✓	
$\sin(\pi + x) =$				✓	
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\cos(-x) =$	✓				
$\sin\left(\frac{\pi}{2} + x\right) =$	✓				
$\cos(\pi + x) =$		✓			
$\sin\left(\frac{\pi}{2} - x\right) =$	✓				
$\sin(\pi + x) =$				✓	