

mobius

Trigonometry Identities - Product to Sum Identity True/False (Greek Letter)



Is this product to sum identity correct?		2 Is this product to sum identity correct?	
$sin(\gamma)cos(lpha) = rac{1}{2}\left[cos(\gamma + lpha) + sin(\gamma + lpha) ight]$		$cos(heta)cos(eta) = rac{1}{2}\left[sin(heta+eta) + sin(heta-eta) ight]$	
A Yes	B No	A Yes	B No
Is this product to sum identity correct?		Is this product to sum identity correct?	
$egin{aligned} \cos(eta) \sin(\gamma) &= rac{1}{2} \left[\cos(eta + \gamma) + \cos^2(eta + \gamma) ight] \cos(\gamma) \sin(heta) &= rac{1}{2} \left[\cos(\gamma + heta) + \cos^2(\gamma + heta) ight] \end{aligned}$			
A Yes	B No	A Yes	B No
Is this product to sum identity correct?		6 Is this product to sum identity correct?	
$cos(eta)sin(heta) = rac{1}{2}\left[sin(eta+ heta) + sin(eta- heta) ight] sin(heta)sin(\gamma) = rac{1}{2}\left[cos(heta-\gamma) - cos(heta+\gamma) ight]$			
A Yes	B No	A Yes	В No
7 Is this product to sum identity correct?		8 Is this product to sum identity correct?	
	·	$os(lpha)cos(eta) = rac{1}{2}\left[cos(lpha+eta) + cos^2(lpha+eta) ight]$	
A Yes	B No	A Yes	B No