Math 31	Quiz	July 26, 2017
Be both clear and organized w	,	, , , , , , , , , , , , , , , , , , ,
simplify your answer, but I am	not concerned with rationaliz	ling any denominators.
Determine the length of the po	ortion of the polar graph of <i>r</i> =	$=$ 4 + 4 sin $\theta$ that resides

outside the polar graph of  $r = 5 + \sin \theta$ . Include the polar graphs of these equations.