

Step	Statement	Reason
1		
2		
3	$m\angle 1 =$	
4	$m\angle 2 =$	
5		
6	$m\angle 3 =$	
7		
8		
9	$m\angle 4 =$	
10	$m\angle 5 =$	
11		
12		
13	$m\angle 6 =$	
14		
15	$m\angle 7 =$	
16		
17	$m\angle 8 =$	
18	$m\angle 9 =$	
19		
20	$m\angle 10 =$	
21	$\quad + \quad + \quad + \quad + \quad = 540^\circ$	Pentagon Sum Theorem
22		
23	$m\angle 11 =$	
24	$m\angle 12 =$	
25		
26	$m\angle 13 =$	
27		
28		
29	$m\angle 14 =$	