



University Maths  
Olympics 2015

# Answer Sheet

Note: Units are not required

Qn	Answer	Notes
1	6	
2	24	
3	X=4,Y=9,Z=8	
4	14	
5	$222^{333}$	
6	6	
7	34	
8	502	
9	$5/9$	
10	$9/128$	
11	5796	
12	$6\sqrt{6}$	
13	17	

Qn	Answer	Notes
14	a=2, b=c=1	
15	$2\sqrt{3}$	
16	$1/128$	
17	12	
18	$12-6\sqrt{3}$	
19	31	
20	$3/4$	or 0.75