

University Maths Olympics 1999 Answers

Question	Answer
1	1700m
2	2:3
3	9
4	-5
5	7π
6	$\frac{1500}{1999}$
7	24
8	$\frac{65}{12}$
9	96 and 100
10	$-2^{117}\sqrt{3}$
11	2 and -3
12	$x^3 - \frac{q}{r}x^2 - \frac{1}{r}$
13	(1,13) and (3,3)
14	12
15	$\sqrt{\frac{\pi}{4\sqrt{3}}}$
16	11
17	16
18	$\sqrt{91}$
19	2
20	$\frac{89}{2}$