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2005 AITMO Answers

Individual

Part I

1.	2	2.	-3	3.	$3\sqrt{5}+5$	4.	6
5.	$x > 3$ or $x < -1$	6.	1	7.	65	8.	$2+2\sqrt{2}$
9.	$4+2\sqrt{2}$	10.	50	11.	Mr. Dunstan	12.	20

Part II

1.	Skip	2.	Skip	3.	No
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Team

1.	$\frac{(k+1)^2}{2k}$	2.	Skip
3.	1	4.	2005
5.	2001	6.	Skip
7.	$2113 \times 397 \times 5$	8.	7
9.	15 minutes	10.	