

ALGEBRA II
2016 January Regional

Team Answers

Question	Part A	Part B	Part C	Part D	Final Ans.
1	-32	-20	-294	-8	-354
2	-6	32	-17	6	15
3	-3	-4	4	-2	7
4	3	1	12	1/8	4.5 or $\frac{9}{2}$
5	-4	1	-7	---	-10
6	$\frac{1}{10} - \frac{13}{10}i$	$-4 - 2i$	-4	$-6 + 3i$	$-12 - 25i$
7	256	9	51/4	-5/7	362
8	7	1	51	1/10	64
9.	25	9	18	-1	51
10.	2	-7	5	4	7
11.	22	9	5	-7	29
12.	4	1	2C-D=3	2C-D=3	16
13.	ln4	10^{10}	2	10	12
14.	1	5	5	D= -2 and E=7	16
15.	62	10	-8	1/2	68

INDIVIDUAL

1. C	7. A	13. D	19. D	25. D
2. D	8. A	14. C	20. E	26. A
3. A	9. B	15. B	21. D	27. A
4. A	10. C	16. C	22. B	28. B
5. E	11. D	17. C	23. C	29. D
6. B	12. B	18. D	24. A	30. C