

2010 Open Session Answers

Multiple Choice Problems

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|------|------|-------|
| 1. C | 5. B | 9. E |
| 2. A | 6. D | 10. B |
| 3. C | 7. B | 11. B |
| 4. B | 8. C | 12. C |
| | | 13. A |

Exact Answer Problems

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|--------------------------|--|
| 14. 0 | 20. $-8, 10$ |
| 15. $0, \pm 1, \pm 2, 3$ | 21. 6 |
| 16. 87 | 22. $\pi/6$ |
| 17. $\pi/6$ | 23. $x = \frac{n}{n+1} - n$ for $n = 0, 1, 2, \dots$ |
| 18. 36 | 24. 28 |
| 19. $4/9 \text{ in}^2$ | 25. 54 |