

MATH 140A
Fall 2002
Exam III
November 18, 2002

ANSWERS:

1. (D); 2. (B); 3. (B); 4. (D); 5. (A); 6. (C); 7. (D); 8. (B); 9. (E); 10. (A); 11. (D).

Note: Handdrawn graphs for problem 5 are unavailable in the exam pdf file.

12. (F); 13. (T); 14. (F); 15. (F); 16. (T);

17. The dimensions are 10 yards (the side parallel to the highway) by 15 yards (the perpendicular sides).

18. a. $\tan(\theta) + C$

b. $\frac{x}{2} - \frac{\sin(2x)}{4} + C$

19. [graph unavailable]