

Math 48C Mitchell Schoenbrun - Final Review

You should know

1. Anything mentioned on the Mid-Term Review listed on the website
2. How to graph a function using polar coordinates
3. What a 2 dimensional vector is.
4. What a displacement vector in component form is
5. How to add vectors graphically and algebraically
6. How to multiply vectors by a scalar
7. How to find the magnitude or norm of a vector from a vector in displacement component form
8. How to find the direction of a vector in displacement component form
9. How to find the displacement component form of a vector given either the head and tail coordinates of a vector or the magnitude and direction of a vector.
10. How to do velocity/distance problems using vectors
11. How to do static force problems using vectors
12. How to use identities to simplify an expression or solve an equation
13. How to verify an identity
14. How to solve second degree trigonometric equations
15. How to remove the parameter from a pair of parametric equations
16. How to graph a parametric equation using a TI-83 or TI-84 graphing calculator
17. Anything not mentioned here but covered in class or on the homework.