

MATH 286 FIRST DAY SURVEY

Indicate your familiarity with the terms/concepts below by using the following grading scale:

1. Used this a lot; totally understand it
 2. Understand it well
 3. Seen it, maybe a little fuzzy...
 4. Passing acquaintance
 5. Never seen this before in my life
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1. Matrices
 2. Gaussian elimination
 3. Differentiation of a function of one variable
 4. Partial differentiation
 5. Integration by parts
 6. Proof by induction
 7. Integration by substitution
 8. Linear homogeneous ordinary differential equation
 9. Ordinary differential equation
 10. Partial differential equation
 11. Runge-Kutta method
 12. Slope field
 13. Multiplication of polynomials
 14. Matrix multiplication
 15. Vector spaces
 16. Linear independence
 17. Spanning vectors
 18. Basis vectors
 19. Proof by contradiction
 20. Sine, Cosine, Tangent functions
 21. Eigenvalues