

## Questions on the Mth096 final exam

1. “types” of numbers: natural, whole, integer, rational, and real (Ch. 1)
  2. factors and/or multiples of a number (Ch. 1)
  3. evaluate expressions using the correct order of operations (2) (Ch. 2)
  4. evaluate an expression given particular values (1) (Ch. 1)
  5. translate a phrase into an expression (Ch. 1)
  6. coefficient of a term (Ch. 2)
  7. simplify by distributing and combining like terms (2) (Ch. 2)
  8. solve a linear equation (2) (Ch. 2)
  9. solve a linear inequality (Ch. 2)
  10. solve a compound inequality and graph the solution set (Ch. 2)
  11. solve an application problem (Ch. 2)
  12. determine if an ordered pair satisfies the equation (Ch. 3)
  13. find the  $x$ - and  $y$ -intercepts of a line (Ch. 3)
  14. find the slope between two points (Ch. 3)
  15. find an equation for a line (Ch. 3)
  16. sketch the graph of a line (2) (Ch. 3)
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17. an application problem involving 2 variables (Ch. 4)
  18. solve a system of equations (2) (Ch. 4)
  19. scientific notation (Ch. 5)
  20. simplify using exponent rules (2) (Ch. 5)
  21. multiply polynomials (2) (Ch. 5)
  22. divide polynomials (Ch. 5)
  23. interpret from graphs (2) (Ch. 6)
  24. factor polynomials (4) (Ch. 6)
  25. solve a quadratic equation (3) (Ch. 6)
  26. multiply two rational expressions (Ch. 7)
  27. divide two rational expressions (Ch. 7)
  28. subtract two rational expressions (Ch. 7)
  29. solve a rational equation (Ch. 7)
  30. convert from one unit to another (2) (Ch. 7)