

Name: _____

Unit 7: Polynomials & Factoring

Date: _____

Bell: _____

Homework 10: Factoring Review

** This is a 2-page document! **

Greatest Common Factor (GCF)	
1. $12a - 27$	2. $16k - 24$
3. $48w^2 - 36w$	4. $75x^2y - 120xy$
5. $4a^3b - 8a^2b^2 + 12a^3$	6. $30m^3n^2 - 12m^2n^2 + 6m^2n$

Difference of Squares ($a^2 - b^2$)	
7. $x^2 - 81$	8. $a^2 - 25b^2$
9. $45m^2n - 5mn$	10. $90x - 3x^2$

Basic Trinomials ($x^2 + bx + c$)	
11. $c^2 - c - 6$	12. $x^2 + 32x + 78$
13. $m^2 - 6mn - 27n^2$	14. $x^2 + 55x^2 + 64x$
15. $3x^2 - 9x^2 - 36x$	16. $4a^2 + 4ab - 80b^2$

Unit 7 Homework Factoring Review

Daniel M. Fendel



Unit 7 Homework Factoring Review:

Teaching Mathematics in Secondary and Middle School James S. Cangelosi, 2003 For courses in secondary or middle school math This text focuses on all the complex aspects of teaching mathematics in today's classroom and the most current NCTM standards It demonstrates how to creatively incorporate the standards into teaching along with inquiry based instructional strategies Using one expansive case study that follows a mathematics teacher through his first year in the profession the text illustrates how to lead pupils toward meaningful mathematics and strategies for developing mathematics skills Interactive in its approach the text includes an abundance of illustrative examples mini case studies cooperative learning activities field based activities and transitional activities New Media for Improvement of Algebra Instruction John Gideon Church, New York (State). Bureau of Classroom Communications, 1964 Math 2, Units 0-12 C P M Educational Program, 2002 **Algebra: Themes, Tools, Concepts -- Teachers' Edition** Henri Picciotto, Anita Wah, 1994 **Interactive Mathematics Program** Daniel M. Fendel, 1999 *Targeted Teaching* Tremaine Baker, Gareth Evers, Richard Brock, 2017-02-09 There is no single best approach in teaching This new text challenges the idea that there is a best way to teach Instead the authors explain a more pragmatic approach is required Teachers need a range of skills and strategies to select from work with and adapt Every school cohort class and child is different Beyond that strategies that worked well with a class one week may prove ineffective the next This book presents a range of strategies well grounded in research for trainees and beginning teachers to use in their own classroom settings and contexts presents a model of teaching that views teaching not as a profession in which there is always a single correct answer but as a complex interaction between teacher and students addresses common issues that beginning teachers face when developing their practice If you are a teacher wanting to find out what works best for your class in your school right now this text will show you how to harness the power of small or large scale research to help you find the answer *Mathematical Reviews*, 1978 **Concept Mapping, an Educational Tool, and Its Use in a College Level Mathematics Skills Course** Leah Mitchell Minemier, 1983 **Developmental Mathematics** Ronald Staszko, 1987-01-30 **Intermediate Algebra Graph Aie Sup** Martin-gay, 2004-04 **New Jersey Mathematics Curriculum Framework** Joseph G. Rosenstein, 1996 The Software Encyclopedia, 1997 *MATHEMATICS CONTENT KNOWLEDGE; PEDAGOGY; PROOFS, MODELS, AND PROBLEMS, PART 1*, **Current Index to Journals in Education**, 1986

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