

FACTORIZING POLYNOMIALS Flip Book

ALL THINGS ALGEBRA®

FACTORING POLYNOMIALS

Flip Book

Objective: This flip book was created to use as a review of factoring by GCF, difference of squares, sum and difference of cubes, trinomials, four terms, and mixed factoring. Within each section, there are problems that require factoring completely. In total there are 70 review problems included in the book.

PC Printing Directions:

- 1) Click **File-> Print**
- 2) Choose **Pages 3-10**
- 3) Click **"Print on Both Sides of Paper"** -> Choose **"Flip on Short Edge"**
- 4) Click **"Print"**

MAC Printing Directions:

- 1) Click **File-> Print**
- 2) Choose **Pages 3-10**
- 3) Click **"Custom Scale"** and type in **97%**
- 4) Click **"Printer"** in the lower left corner
- 5) Select **"Media and Quantity"** and drop down to select **"Layout"**
- 6) Under **"Two Sided"**, choose **"Short-Edge binding"**
- 7) Click **"Print"**
- 8) Click **"Print"**

Once Printed: Layer the pages as shown below. Flip the top over, then staple.

NOTES:	
Directions: Factor each polynomial completely. Be sure to always check for a GCF first!	
25 $a^2 - 729$	26 $343p^3 - 512$
27 $p^2 - q^2$	28 $500m^3 - 4n$
29 $40c^3 - 625d^3$	30 $512 - 8w^3$
31 $4a^3 - 108a$	32 $81 - 192a^3$
33 $x^3y^2 - x^2y^3$	34 $4mm^3 - 256m^3$
DIFFERENCE OF CUBES $(a^3 - b^3)$	
TRINOMIALS $(ax^2 + bx + c)$	
FOUR TERMS	
MIXED FACTORING	



My FACTORING POLYNOMIALS Flip Book <small>© Gina Wilson (All Things Algebra®), 2018</small>
GREATEST COMMON FACTOR
DIFFERENCE OF SQUARES $(a^2 - b^2)$
SUM OF CUBES $(a^3 + b^3)$
DIFFERENCE OF CUBES $(a^3 - b^3)$
TRINOMIALS $(ax^2 + bx + c)$
FOUR TERMS
MIXED FACTORING