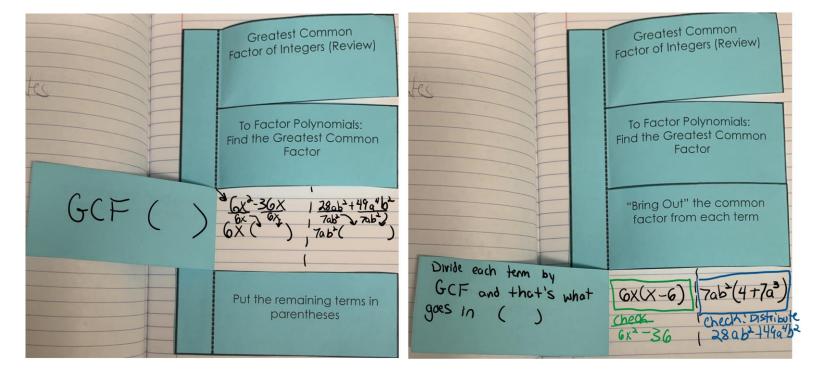
GCF: Langest # the goes into each # evenly.	Find GCF of 32 + 56 32: 1,2,4, 7,8,16,32 56: 1,2,4,7,8,4,28,56 GCF: 8 To Factor Polynomials: Find the Greatest Common Factor	Find the GCF for coefficients d then each like variable.	Greatest Common Factor of Integers (Review) I. 6x ² + -36x 2 28ab ² + 49a ⁴ b ³ Highest#: 6 Highest#: 7 Lowest Variable: X Lowest Variable: a b ²
	"Bring Out" the common factor from each term		GCF: 6X GCF: 7ab ² "Bring Out" the common factor from each term
	Put the remaining terms in parentheses		Put the remaining terms in parentheses



7x²- 28x- $5xy^2(x^2-2y^2)$ $x^{3}y^{2} - x^{2}y^{3}$ $6x^{2}(x^{2}-2x+4)$ $5x^3 - 15x^2 + 25x^4$ $x^{2}y^{2}(x-y)$ 7x³ - x² 7x(x - 4)5x4y2 - 10xy4 $5x(x^2 - 3x + 5)$ 5xy2 $12x^2 - 5x$ $3(5x^2 - 2x + 3)$ $15x^2 - 6x + 9x^3$ $x^{2}(7x - 1)$ Algebra 1 Name ID: Factor out the GCF Date Period $6x^4 - 12x^3 + 24x^2$ x(12x - 5)Factor the common factor out of each expression. 1) -30x + 122) $-10x^3 + 30x$ 6(-5x +2) 10x (x2+3) 4) $-30b^3 + 18b + 3$ 3) $-15n - 5n^2 - 15n^3$ $-5n(3+n+3n^2)$ 3(-1063+66+1) 5n(-3-n-3n2) 1,2,4,81632 5) $7x^6y + 8x^5$ 6) $32m^4 + 40m^2n$ x5(7xy+8) 8m2 (4m2+5n) 1.0450 8) $-\underline{16v^3u} + \underline{18v^2u}$ 7) $-16yx^3 - 18yx + 8y$ 2 v2 (-8 +94+5v) $2y(-8x^3 - 9x + 4)$ 9) $63p^6r + 35p^4r^3 - 49p^2q^3$ 10) $-15h^4j^2 - 21h^3k - 3h$ -3h (5h3.2+7h2K 7p2 (9pt+5p213-7q3)

Complete this page for homework.

