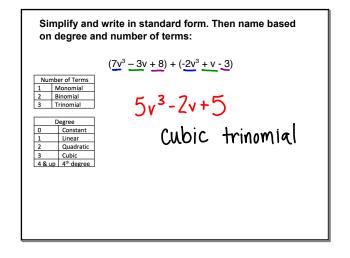


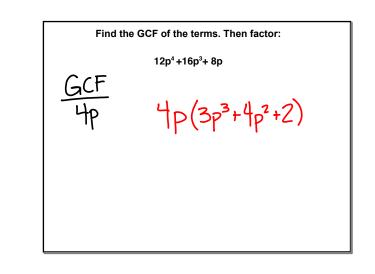
Numbe	er of Terms	8t ² - 2
	Ionomial	
	inomial	
	rinomial	Quadratic binomial
	egree	Quadratic biriornia
0	Constant	
1	Linear	
2	Quadratic	
3	Cubic	
4 & up	4 th degree	



Numb	er of Terms	(4 <u>x</u> ³ <u>+ 3x</u> <u>+ 1</u>) - (-6x ³ + 3x - 2)
1 1	Monomial	+6x ³ -3x +2
	Binomial	+0x -3x +4
3 1	rinomial	
[Degree	
0	Constant	
1	Linear	10x ³ +3
2	Quadratic	
3	Cubic	
4 & up	4 th degree	
		cubic binomial

Simplify and write in standard form: 4m(2m + 9m ² - 6)	
8m² + 36m³-24m	
Standard 36m ³ + 8m ² -24m	

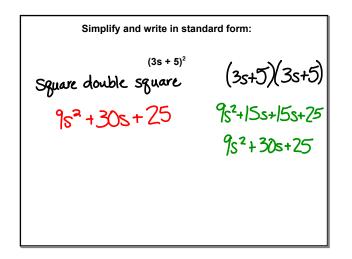
Simplify and write in standard form: Simplify and write in standard form: $-2n^{2}(5n-9+4n^{2})$ $-10n^{3}+18n^{2}-8n^{4}$ Standard $-8n^{4}-10n^{3}+18n^{2}$



Find the GCF of the terms. Then factor: 30h⁵ - 6h⁴ - 15h³ GCF $3h^{3}(10h^{2}-2h-5)$ 3

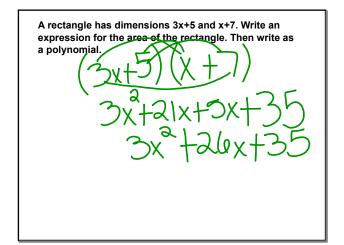
	d write in standard form: (7q + 2)(3q + 8)
FOIL	21g ² +5bg+6g+16
	21q²+62q+16

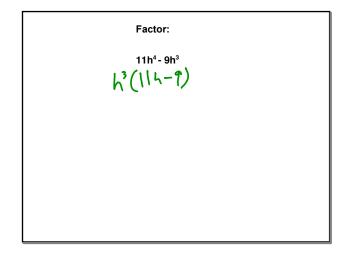
	Simplify and write in standard form:
	FOTL (w + 2)(w + 12)
	$W^{2}+12W+2W+24$
	W ² +14W+24
ļ	



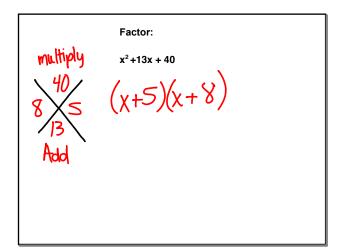
March 2, 2018

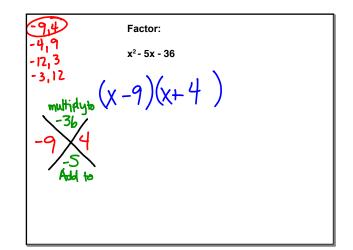
Simplify the product: $(2x+3)(5x^2-4x+6)$ $|0x^3-8x^2+|2x|$ $|5x^2-|2x+18|$ $|0x^3+7x^2+|8|$

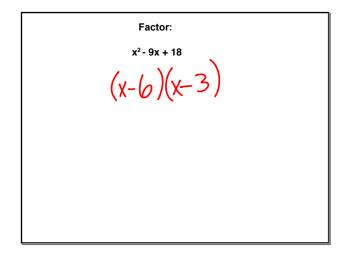


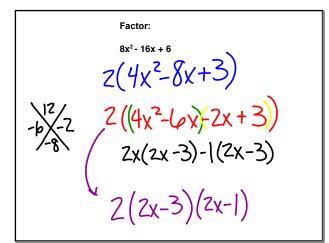


Factor: 12h4b3 - 4h2b , 3h²b²-1)





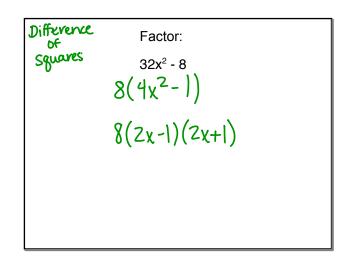




Factor: $2x^2 + 13x + 15$ $(2x^2+10x)(+3x+15)$ 2x(x+5)+3(x+5)(2x+3)(x+5)

Factor: $3x^2 - 11x + 6$ 1,3 1,6 2,3 (x-3)(3x-2)

Factor: x² - 25 Difference of Squares $(\chi + 5)(\chi - 5)$



Porfect	Factor:	
Perfect Square trinomial	$25x^2 + 80x + 64$	
trinomial	5 ² 8 ²	
	, 12	
	$(5x+8)^{2}$	

Perfect Factor:
Square
$$36x^2 - 12x + 1$$

Square $6^2 (-1)^2$
trinomial $((X-1)^2)$

Factor: $(2x^3 - 3x^2 + 8x - 12)$ $\chi^{2}(z_{x}-3)+4(z_{x}-3)$ $(\chi^{2}+4)(2\chi-3)$

Factor: $(15x^3 + 25x^2 - 6x - 10)$ $5x^{2}(3x+5)-2(3x+5)$ $(5x^2-2)(3x+5)$

What is the first step when factoring a polynomial?

SCF

Which factoring method is best when there is a 4-term polynomial?

Grouping