

Multiply the factors together to form a polynomial.			
	Problem	Work	Answer
3	$(x+3)(x-5)$		
5	$(x-4y)(3x-75)$		
7	$(x-8)(x+8)$		
9	$(3x+7)(3x-7)$		
11	$(2p-11f)(2p+11f)$		
13	$(x^2+6)(x^2-6)$		
15	$(4-3x^2)(4+3x^2)$		
17	$(3a+b)(3a+b)$		
19	$(6x-5)^2$		
21	$(x^2+3x-4)(x+2)$		
23	$(x-11)(x^2-2x+8)$		
25	$(x-y)(x^2+xy+y^2)$		
27	$(x^2-5x+7)(2x-1)$		
29	$(x^2-4x-7)(x^2-2x+5)$		
Factor each polynomial expression completely over the Integers.			
For trinomials, calculate Δ , then factor. Use more paper if needed; but put answers here.			
43	$x^2+5x-14$		
45	$3x^2+9x-30$		
47	$8x^2+6xy+y^2$		
49	$3r^2+rx-10x^2$		
51	$6x^2+19x-20$		
53	$6x^2+19x-20$		
55	$10x^2-29x+21$		
57	$10x^2-29x-21$		
59	$4x^2-12x+9$		
61	$x^2+16x+64$		
63	x^2-9		
65	$4x^2-25$		
67	$49-9x^2$		
69	y^2-1		
72	$36a^2-144$		
73	$80y^2-5z^2$		
75	x^4-y^4		
77	x^6-y^4		
79	a^5-a^3		
81	$x^4y^2-x^2y^4$		
97	x^3-3x^2+9x		
99	$wx^7-5wx^6+6wx^5$		