Pág 86, 26 d, e y f

d) $x^3+2x^2+x=x\,(x+1)^2$

	1	2	1	0
0		0	0	0
	1	2	1	0
-1		-1	-1	
	1	1	0	
-1		-1		
	1	0		

e) $3x^3-27x=3\,x\,(x+3)\,(x-3)$

	3	0	-27	0
0		0	0	0
	3	0	-27	0
-3		-9	27	
	3	-9	0	
3		9		
	3	0		

f) $3x^2+30x+75=3\,(x+5)^2$

	3	30	75
-5		-15	-75
	3	15	0
-5		-15	
	3	0	

28)

a) $x^3+2x^2-x-2=(x-1)(x+1)(x+2)$

	1	2	-1	-2
1		1	3	2
	1	3	2	0
-1		-1	-2	
	1	2	0	
-2		-2		
	1	0		

b) $x^3-19x^2+34x=(x)(x-2)(x-17)$

	1	-19	34	0
0		0	0	0
	1	-19	34	0
2		2	-34	
	1	-17	0	
17		17		
	1	0		

29) Simplificar,

a) $\dfrac{x^2+2x}{3x^3+6x^2}=\dfrac{x(x+2)}{3x^2(x+2)}=\dfrac{x}{3x^2}=\dfrac{1}{3x}$

	1	2	0		3	6	0	0
0		0	0	0		0	0	0
	1	2	0		3	6	0	0
-2		-2		0		0	0	
	1	0			3	6	0	
				-2		-6		
					3	0		

b) $\dfrac{x^2-25}{x^2-10x+25}=\dfrac{(x-5)(x+5)}{(x-5)^2}=\dfrac{x+5}{x-5}$

	1	0	-25		1	-10	25	
5		5	25	5		5	-25	
	1	5	0		1	-5	0	
-5		-5		5		5		
	1	0			1	0		

c) $\dfrac{20x^2-2x-3}{x^2-6x+9}=\dfrac{20x^2-2x-3}{(x-3)^2}$

	20	-2	-3		1	-6	9	
3		60	174	3		3	-9	
	20	58	171		1	-3	0	
				3		3		
					1	0		