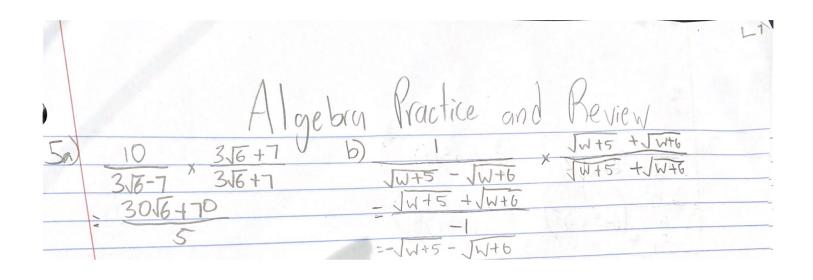


 $A(x-2)(x-3) + B(x-1)(x-3) + C(x-1)(x-2) = 2x^2 - 6x + 6$ (A+B+C) x2+ (-5A-AB-3C)x+ (6A+3B+2C)=2x2-6x+6 A+B+(=2 -5A-4B-36=-6 6A +3B+21=6 C=2-A-B -5A-4B-3(2-A-B 6A+3B+4-29-26= 4A+B = 2 4(-2)+(=2 -B = 2 C=3 · A=1, B=-2, C-3

(3-10)

1-2



di.		(A)		
	(a)	J4+3	6b) 53(x+h)-2-532-2	13(N+h)-2+13N-2
		4-9	h	X J3(N+h)-2 + J3N-2 J3(N+h)-2 + J3N-2
The state of the s		- 44+3	3h	
		(Jy-3)(Jy+3)	h/3(x+h)-2+h/3x-2	
		- 1		
		Jy-3		

m2 2 2/3

7b) $\chi^{-3} - y^{-3}$ χ^{3}	L 8 +0
$\frac{2y^{2}+2y^{2}+1}{y^{3}-2y^{3}}$	
$= \frac{(y-x)(y^2+xy+xy^2)}{-(y^2+2(xy^2+xy^2))}$	= Difference of cubes
$=\frac{y-x}{x^2y^2}$	

70 Different of cubes formula: $a^{3}-b^{3} = (a-b)(a^{2}+ab+b^{2})$ $(3\pi)^{3}-(3\pi)^{3}=(3\pi-3\pi)(3\pi)^{2}+3(a\pi+3)b^{2}$ $3\pi-3\pi-3\pi$ $(3\pi)^{2}+3(a\pi+3)b^{2}$ $(2\pi-a)(3\pi)^{2}+3(a\pi+3)b^{2}$ $(2\pi-a)(3\pi)^{2}+3(a\pi+3)b^{2}$ $(2\pi-a)(3\pi)^{2}+3(a\pi+3)b^{2}$ $(2\pi-a)(3\pi)^{2}+3(a\pi+3)b^{2}$

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