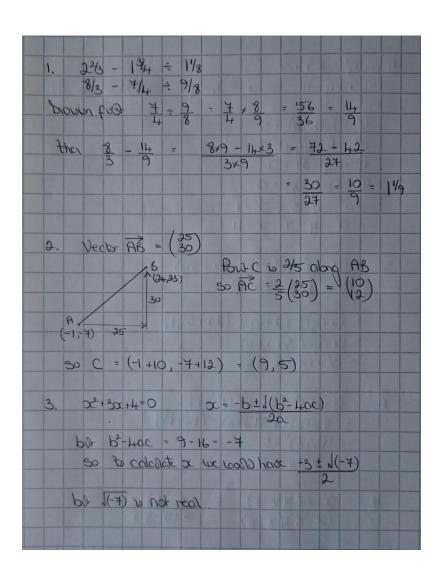
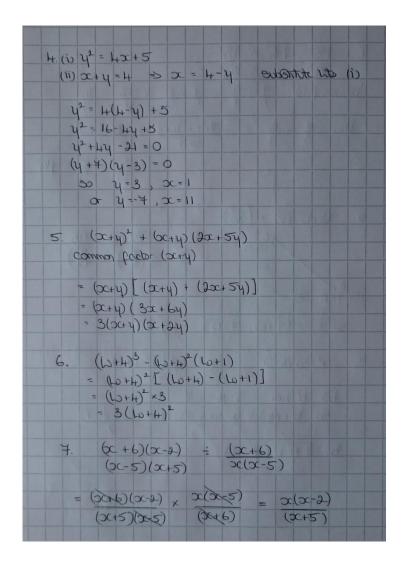
Further Maths GCSE Other Topics Answers





-8.	(4x-1)(x+5) = (x+5) (3x-4)(3x+4) (3x-4)
(88)	= (4x-1)(x+5) x (3x-4) (3x-4)(3x+4) (x+5)
	$= (\cancel{4} \times -1)$ $(\cancel{3} \times +\cancel{4})$
9.	$x-1 = 3 \Rightarrow x-1 = 3(y-2)$ $y-2 \Rightarrow x-1 = 3y-6$ $\Rightarrow x = 3y-5$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Th	Therefore $3y - 5 = 4y - 10$ $5 = y + 50 = 10$
10.	112: 148: 1300 14,13: 116,13: 1100,13 2,13: 14,13: 10,13
	2 : 4 : 10 1 : 2 : 5

11. $x^{3/2} = 8$ $y^{-2} = 25$ $x^{2/3} = 14$ $y^{2} = 14$ $y^{2} = 14$
1 45
y = 2 (as y > 0)
¥ 75 F
$12. \sqrt{33+\sqrt{x}} = 6$
$\frac{12. \sqrt{33 + \sqrt{3}}}{33 + \sqrt{3}} = 6$
1)c = 3
x = 9
13 y (N3-1) = 8
$y = 8 = 8 (\sqrt{3} + 1) = 8 \sqrt{3} + 8$ $\sqrt{3} - 1 (\sqrt{3} - 1) (\sqrt{3} + 1) = 2$
13-1 (13-1) (13+1) = 413+4
$14. \chi^{-2/3} = 7/9 \\ \chi^{-3/3} = \frac{64}{9}$
$x^{\frac{2}{3}} = \frac{9}{6H}$
$3c = \left(\frac{9}{644}\right)^{3/2} = \left(\frac{3}{8}\right)^3 = \frac{24}{512}$

THE SAME SHOW THE BOOK BOOK WIND THE SAME SHOW THE SAME SH

15.	4	= 1.5	16						
	501- x	:=Y	1)	1.5t 1.5t		-9			
16.				U U	<u>- 0</u>	5	0.6		
	V6	ot ab			\propto^3				
	So	hamed 2			Ty				
		3	2003 =	3 23	44				
		50	2"3 =	3 23 23 23 24					
				x .					
								ESV.	