Simultaneous equations

1 - 1 0 - 1	
1. $x + 2y = 4$	2. $3x + 7y = 26$
3x - 4y = 7	4x + 5y = 13
3. $6x - 4y = 6$	4. $2x + y = 4$
3x + 12y = 24	4x + 3y = 6
5. $7x + 2y = 17$	6. $5x + 2y = 9$
3x + 2y = 5	x-4y=4
	л-ту - т
7. $3x - 2y = 3$	8. $y = z^2 + 2$, $2x + z = 5$, Eliminate
x + 4y = 8	
ATY	z and write the equation in the form
	of $y = ax^2 + bx + c$.
$9 \times 2 + x/2 - 45$	10 4 2 12
9. $x^2 + y^2 = 45$	10. $4x - 3y = 13$
y=x-3	2x + y = 4
11 01 11 0	
11. Show that $2x + y = 3$ and $x^2 + y^2 = 5$	18.5x + 6y = 28
satisfy the equation $5x^2 - 12x + 4 = 0$.	x + 3y = 2
Solve it as well.	
19. $y=2x-5$	20. $4x + 2y = 8$
$x^2 + y^2 = 25$	2x - 5y = 10
21.3x - 4y = 13	22. $x^2 + y^2 = 25$
2x + 3y = 3	y = x - 7
	y _ A - 1
23. $3x + y = 8$	24.7x + 2y = 17
4x + 2y = 9	
25. 5x + 3y = 6	3x + 2y = 5
	26. $3x+5y=4$
3x - 7y = 19	6x + y = 26
21 A company to a	
21. A computer games retailer sells packs of	
games made up from mid-price andfull-price titles. Pack A contains 3 mid-price and 2 full-price	
titles, and sells for £93.45.	
Pack B contains 5 mid-price and 3 full-price titles,	
and sells for £146.42.	
Assuming that the retailer has not applied any	
quantity discount, calculate the	
value of (a) one mid and (b) one full price game	