Quadratic Equation Set 2

Solve the following

1. $2x^2 + 3x - 35 = 0$
2. $4y^2 + 10y - 104 = 0$
3. $x^2 - 0.5x - 39 = 0$
4. $y^2 - 15.5y + 60 = 0$
5. $35x^2 + 13x - 90 = 0$
6. $7y^2 + 24y + 20 = 0$
7. $x^2 - 14x + 48 = 0$
8. $y^2 - 9y + 20 = 0$
9. $x^2 - 9x + 18 = 0$
10. $y^2 - 11y + 18 = 0$
11. $2y^2 - 9y + 10 = 0$
12. $4y^2 - 13y + 9 = 0$
13. $y^2 - 43y + 462 = 0$
14. $8x^2 + 30x + 27 = 0$
15. $y^2 - (729)^{1/6} y - 4 = 0$

Answer

1. 3.5 , −5
2. 4, −6.5
3. 6.5 , −6
4. 7.5,8
5. 10/7 , −9/5
6. −2 , −10/7
7. 8, 6
8. 4,5
9. 3,6
10. 2,9
11. 5/2 , 2
12. 1, 9/4
13. 21 , 22
14. −9/4, −3/2
15. −1 , 4