Quadratic Equation (Set 1)

Solve the following

1. $x^2+8x+15=0$
2. $4x^2-24x+20=0$
3. $2y^2+3y-5=0$
4. $6x^2+14x=12$
5. $1+2y^2=17/6\ y$
6. $4x^2-32x+63=0$
7. $12x^2+17x+6=0$
8. $20x^2-x=12$
9. $35y^2-12y+1=0$
10. $p^2+p-56=0$
11. $6q^2-7q+2=0$
12. $p^2+12p+35=0$
13. $2q^2+22q+56$
14. $(5x+2)(5x+3)=0$
15. $(x-4)(4x+3)=0$

Answer

1. $-5,-6$
2. $5,1$
3. $-5/2\ ,\ 1$
4. $-3\ ,\ 2/3$
5. $2/3\ ,\ ¾$
6. $7/2\ ,\ 9/2$
7. $-3/4\ ,\ -2/3$
8. $4/5\ ,\ -3/4$
9. $1/5,\ 1/7$
10. $7\ ,\ -8$
11. $2/3,\ ½$
12. $-5\ ,\ -7$
13. $-7,-4$
14. $-0.4,-0.6$
15. $4\ ,\ -3/4$