Factoring Perfect Square Quadratic Expressions

Factor each quadratic expression.

1. x2 – 6x + 9
2. x2 + 4x + 4
3. x2 – 10x + 25
4. x2 + 12x + 36
5. x2 + 8x + 16
6. x2 – 3x + 9/4
7. x2 – 14x + 49
8. x2 + 16x + 64
9. x2 + 9x + 81/4
10. x2 + x + 1/4
11. x2 + 10x + 25
12. x2 – 2x + 1
13. x2 – 3/2x + 9/16
14. x2 + 18x + 81
15. x2 + 6x + 9
16. x2 – 5/2x + 25/16
17. x2 – 20x + 100
18. x2 + 2x + 1
19. x2 – 5x + 25/4
20. x2 + 11x + 121/4