Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Due Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Hour\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Factoring Homework

**Directions:** Use the Factoring Flow Chart to help you factor each problem. Show all work as necessary.

1. 12n3 – 8n
2. 2x3 + 8x2 + x + 4
3. b2 + 3b – 4
4. 12n3 – 8n
5. 9x3 – 12x2 – 18x + 24
6. 16n2 + 56n + 49
7. 3n2 – 3
8. 2n2 + n – 6
9. 2x2 + 4x + 2
10. x2 – 9
11. 4x2 + 8x – 60
12. 9x2 – 4
13. 2a2 – 18
14. n2 + 34n + 289
15. x2 - 22x + 121
16. 9x2 – 30x + 25
17. 3n2 - 30n + 75
18. 5x3 – x2 + 15x – 3
19. 3y2 + 7y – 6
20. 6h2 – 8h