Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ May 2, 2018

Kobrin/Losquadro Math 8

**Factoring Practice**

Factor each expression completely

1. x2 + x – 20
2. 16x2 – 24x
3. 21m3n2 – 14m2n
4. y2 + 5y – 14
5. x3 + 7x2 – x – 7
6. 16x2 – 25y2
7. x2 – 4x – 12
8. 9x2 – 16
9. b2 + 8b + 15
10. 3x2 – 9x
11. r2 – 10r + 9
12. 2x(x + 1) – 7(x + 1)
13. w2 + 13w + 12
14. x2 – 36y2
15. x2 – 12x + 27
16. 17x2 – 34xy
17. m2 – 2m – 63
18. 9a2 – 49b4
19. 6x3 + 4x2 + 9x + 6
20. x2 – 3x – 10
21. z2 – 4z + 3
22. 9x2 – 100
23. x2 – 2x – 3
24. 16x4 – 1