Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 8 Factoring Review

Factor each of the following.

1. $x^{2}+9x+20$ 2. $ 6x^{2}+24x$ 3. $5x^{3}-25x^{2}+30x$

4. $2x^{2}+7x+6$ 5. $x^{2}+4x-21$ 6. $7x^{2}-49x$

7. $5x^{2}+19x+12$ 8. $x^{2}-12x-28$ 9. $-7x^{2}-26x+8$

10. $36y^{4}+24y^{3}$ 11. $x^{2}+18x+81$ 12. $-x^{2}-4x+32$

13. $6x^{2}+27x+27$ 14. $63y^{2}+36y$ 15. $x^{2}-22x+72$

16. $8x^{2}+24x+18$ 17. $x^{2}-42x+216$ 18. $36x^{2}-86x+48$