

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13A.2 – More Factoring by Reverse FOIL

#1-20, Factor by Reverse FOIL. If a polynomial is not factorable, write "prime." (Hint: there is only one problem that is prime)	
1. $x^2 + 10x + 9$	2. $3x^2 - 22x - 16$
3. $7r^2 - 23r - 20$	4. $y^2 - 13y + 22$
5. $4m^2 - 16m - 9$	6. $z^2 - 15z + 36$
7. $5a^2 + 2a - 7$	8. $q^2 + 12q + 35$
9. $24m^2 - 47m + 20$	10. $22n^2 + 47n + 6$
11. $a^2 + 12ab + 27b^2$	12. $3x^2 - xy - 2y^2$
13. $5r^2 + 29rt - 5t^2$	14. $6n^2 - np - 2p^2$
15. $4y^2 + 8yz + 3z^2$	16. $m^2 - 26mn + 25n^2$
17. $x^2 - 27xy + 50y^2$	18. $12x^2 + 35xy + 18y^2$
19. $20r^2 - 53rt - 21t^2$	20. $2m^6 - 15m^3 + 18$