

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13A.5 - Reverse FOIL for Days

#1-20, Factor by Reverse FOIL. If a polynomial is not factorable, write "prime." (Hint: there is only one problem that is prime)	
1. $m^2 - 9m - 10$	2. $t^2 + 16t + 39$
3. $c^2 + 7c - 18$	4. $b^2 - 20b + 19$
5. $13z^2 + 19z + 6$	6. $24x^2 - 10x - 1$
7. $-15n + n^2 + 26$	8. $m^2 - 2mn - 15n^2$
9. $20z^2 + 49z + 30$	10. $18w^2 + 11w - 24$
11. $2r^2 + 15rt + 7t^2$	12. $7n^2 - 19nq + 10q^2$
13. $5x^2 + 18xy - 8y^2$	14. $m^2 + 9mn + 21n^2$
15. $10c^2 + 99cd - 10d^2$	16. $14k^2 - 83km + 33m^2$
17. $a^2 - 29ab + 100b^2$	18. $36q^2 + 12qt - 35t^2$
19. $15c^{4r} + 14c^{2r} - 16$	20. $20d^{2r+16} - 23d^{r+8} + 6$