

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13A.6 – Neverending 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. $a^2 + 6a - 7$	2. $z^2 + 30z + 29$
3. $z^2 + 2z - 8$	4. $x^2 - 8x - 20$
5. $m^2 - 42m + 41$	6. $a^2 + 5a - 6$
7. $n^2 - 18n + 65$	8. $b^2 - b - 56$
9. $x^2 - xy - 6y^2$	10. $n^2 - 11np - 42p^2$
11. $72 - 17f + f^2$	12. $c^2 - 5cd - 36d^2$
13. $j^2 - 4jk - 5k^2$	14. $w^2 - 5wz + 10z^2$
15. $24a^2 + 110a + 9$	16. $2a^4 - a^2 - 10$
17. $y^{10} - 11y^5 + 24$	18. $m^2 - 27mn + 72n^2$
19. $x^2 - 10xy + 16y^2$	20. $8p^2 - 2pq - 15q^2$