

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13A.3 – Even 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. $y^2 + 14y + 13$

2. $2m^2 - 11m - 21$

3. $2z^2 + 7z + 8$

4. $x^2 + 20x + 91$

5. $14k^2 + 29k + 12$

6. $6z^2 - z - 5$

7. $n^2 - 9n + 14$

8. $16x^2 - 8x - 15$

9. $14d^2 + 11d - 15$

10. $54 - 21a + a^2$

11. $34d^2 - 41d - 15$

12. $26c^2 + 29c - 15$

13. $n^2 - 12np + 35p^2$

14. $7s^2 - 20st - 3t^2$

15. $3a^2 - 16ab + 5b^2$

16. $r^2 + 33rt + 32t^2$

17. $8n^2 - 9np - 14p^2$

18. $27a^2 - 12ab - 32b^2$

19. $z^6 - 10z^3 - 75$

20. $30d^2 - 37de - 4e^2$