Name:

Algebra

Section 5.7

**Factor. If the polynomial is not factorable, write prime.**

1. z2 + 9z + 8 2. c2 – 10c + 16

3. p2 – 14p + 13 4. n2 + 10n + 21

5. s2 – 12s + 40 6. z2 + 16z + 39

7. x2 – 22x + 72 8. 64 – 20s + s2

9. 75 + 27u + u2 10. a2 + 10ab + 24b2

11. x2 – 15xy + 72y2 12. h2 – 14hk + 49k2

13. m2 + 20mn + 51n2 14. p2 + 20pq + 50q2

15. a2 – 12ab + 27b2 16. w2 + 20wm + 96m2

17. 108 – 24y + y2 18. 117x2 – 22xy + y2