

Section 2.5 – Factoring Quadratic Polynomials

Problem Set 2

Factor the following polynomials.

1. $b^2 - 9b$

2. $-5b^2 - 8b - 10$

3. $6w^2 + 63w + 30$

4. $-7b^2 + 5b - 8$

5. $a^2 - a - 42$

6. $-12s^2 + 154 - 67s$

7. $20b^2 + 88b + 32$

8. $a^2 + 8a - 20$

9. $s^2 - s - 6$

10. $w^2 - 2w - 63$

11. $w^2 + 2w - 25$

12. $y^2 - 18y + 80$

13. $y^2 + 14y + 45$

14. $b^2 - 8b$

15. $10s^2 + s + 4$

16. $-36x^2 + 258x + 468$

17. $y^2 - 2y - 24$

18. $y^2 - 11y + 28$

19. $8x^2 + 28x + 12$

20. $b^2 - 100$