

Section 3.1 – Simplifying Expressions

Problem Set 1

Simplifying the following expressions.

1. $5c - 3c$

2. $7a + 3a$

3. $11cd - 15cd$

4. $4mn - mn + 3p - 2p$

5. $5m - 6m + 8n + 7n - 4m$

6. $4ab - 3ab + xy + 5xy$

7. $5a + 2b + 3a - 6x - 4b$

8. $2x - 2x + 3z$

9. $c(2a - 3) + 3c(a - 1) - 4a$

10. $3ts - 3ts - 4ts$

11. $7a - 2b - 2a + 3b - a$

12. $2(2g - h) + 5h$

13. $18a + 4b$

14. $3(a + b) - 5(a + b)$

15. $4x(3y + 1) - 3xy + 1$

16. $4x + a - 3$

17. $-2(a - 1) + a - 4$

18. $7r - 8r - 7r$