

Section 3.1 – Simplifying Expressions

Problem Set 3

Simplifying the following expressions.

1. $5a - 3a$

2. $4b + 10b$

3. $3a + 4a + 2a$

4. $7ac + ac - 2x + 2x$

5. $3x + xy + 4x - 3xy$

6. $3a + 2a - 5b + c$

7. $w + 2w - w$

8. $3yr + 2yr + 1 - 3$

9. $a + 4b$

10. $2(x + y) - 4x$

11. $-2(a + 1) + 2a + 4$

12. $3r + 2x + y - 3x + r$

13. $4r + 3r + 4a - 2a - b$

14. $3a(y - 4) + 4ay - a$

15. $3(a - b) - 3(b - a)$

16. $3x(y + 1) + y(x - 1) + y$

17. $m + 2m - 3n - 3m + 3n$

18. $3x + 2a + 4x - a$