

Section 3.1 – Simplifying Expressions

Problem Set 2

Simplifying the following expressions.

1. $6b - 4a$

2. $7x + 10x$

3. $eh - 14eh$

4. $2x + 2z - x$

5. $3rt + 2rt + 3an - 3an$

6. $3es + 4es + 3ma + 2es$

7. $12a - 6x$

8. $3a + 4x + 3a - 4x - 7y$

9. $3m + 2m - 12m$

10. $4a + b - 2a + 6b - a$

11. $3m + 4x - 2x + 2m - m$

12. $-2(x + y) - 7x$

13. $4x + a + 2$

14. $-3(x - 2) + 2x + 1 - 2x$

15. $2x(y + 2) + y(x - 3) + 2x$

16. $4(x + b) - 3(x - y)$

17. $4sd + 4sd - 3sd$

18. $2a(b - 2) + 4ab - 1 + a$