Name:

Algebra

Section 6.2

**Simplify**

1. 7x / 15 + 4x / 15 2. 5 / 3x + 9 / 3x

3. 3a / 10 – (5a + 1) / 10 4. (x + 3) / 4 – (9x + 11) / 4

5. 9 / (y – 6) – 3 / (y – 6) 6. n / (n – 2) – (3n – 1) / (n – 2)

7. 5 / (4y – 1) – 3 / (1 – 4y) 8. 6 / (3 – 2x) – 4x / (2x – 3)

9. 8 / ab – 6 / ab2 10. 4 / 3xy + 3 / 2x2

11. 2x / (x – 3) – 3 / 2(x – 3) 12. (5b + 2) / 8 + (3b – 4) / 10

13. (a – 6) / 15 + (4 – a) / 10 14. 3(a – b) / 20 – 5(a + b) / 12

15. 2m / 5 – (m + 4) / 4 + (2 – m) / 10