Name:

Algebra

Section 6.1

**Simplify**

1. 12m – 15n / 9 2. 4n + 16 / n + 4

3. 8x – 8y / 8x + 8y 4. 6y + 30 / y2 – 25

5. 4p2 – 8p / 4p3 6. (x – 5)(2 + 7x) / (5 – x)(7x + 2)

7. 25 – b2 / b2 + 12b + 35 8. (a – 5)2 / 25 – a2

9. 25c + 15d / 50c2 + 30d2 10. 2w2 + w – 6 / 2w + 4

11. 4b2 – 5b – 6 / 8b2 + 6b 12. 2y2 – 9y + 4 / 8y – 2y2

13. 2ab + 2ac + 4a2 / 4b + 4c + 8a 14. 3t2 – 4tv – 7v2 / t2 – v2