Alg1 Unit 6 Practice1
Polynomial Practice

Add, subtract or multiply. **Pay attention to which operation to use.**

1. $(3x^2 + 2x + 5) + (x^2 - x - 4)$

2. $(x^2 - x + 1) + (6x - 3)$

3. $-4y(3 - 9y)$

4. $(n + 2)(6n + 1)$

5. $(16y^2 - 8y + 9) - (6y^2 - 2y + 7y)$

6. $(-7k^2 + 3) - (2k^2 + 5k - 1)$

7. $7y^2 - 10 - (5y^2 - 2y + 3)$

8. $4m^5 + 3m - 6 + (m^4 + 12m + 1)$

9. $(3x - 4)(4x + 3)$

10. $(x - 3)(4x^2 + 1)$

11. $(5p - 3)(p - 1)$

12. $(4a + 2)(6a^2 - a + 2)$

13. $(7k - 3)(k^2 - 2k + 7)$

14. $(m - 8)^2$