

Algebra 1 B

Unit 10 Objective 7 Practice

Simplify each expression.

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

1. _____

2. $\frac{1}{3}(15b-9)+\frac{1}{5}(25b+5)$

2. _____

3. $-2p(2p-8)-5p$

3. _____

4. $f(5f-3)-2f$

4. _____

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

5. _____

6. $y^2(-4y+5)-6y^2(y-8)$

6. _____

Name _____

Period _____ **Date** _____

7. $\frac{1}{4}a(20a^2 - 4a + 16) + \frac{2}{5}(35a^2 + 10a)$

7. _____

8. $4b(-5b - 3) - 2(b^2 - 7b - 4)$

8. _____

9. $3m(3m - 6) + 3(m^2 - 4m + 1)$

9. _____

10. $\frac{4}{3}h(9h - 81) - \frac{3}{2}(8h - 10)$

10. _____

11. $-2(3x - 5)^2$

11. _____

12. $3n(n + 6)^2 - (4n^2 + 1)$

12. _____