

**Simplify.**

|                           |                     |
|---------------------------|---------------------|
| 1. $6(4a + 3)$            | 2. $-7(11c + 4)$    |
| 3. $\frac{1}{2}z(6z + 2)$ | 4. $4a(3x + 5)$     |
| 5. $3e(2e^2 - 5e)$        | 6. $7f(3f^2 + f)$   |
| 7. $2c^2d(4cd - d^2)$     | 8. $5m(11m^2 - 4n)$ |
| 9. $-4ay(ay - ab)$        | 10. $2.1p(3p - q)$  |
| 11. $-3mn^2(2m - 3n)$     | 12. $-9w^2(7 - w)$  |

|     |                            |     |                      |
|-----|----------------------------|-----|----------------------|
| 13. | $\frac{3}{4}k^2(8k-12k^2)$ | 14. | $-4.5cd(d^2-2c^2)$   |
| 15. | $3x(5x^2-x+4)$             | 16. | $2m(7m^3+5m^2-m)$    |
| 17. | $4r^2s(2r^2-5rs+s^2)$      | 18. | $-10pq(3pq+4p-5q^2)$ |

|     |                                     |
|-----|-------------------------------------|
| 19. | $5w(w^2-7w+3)+2w(2+19w-2w^2)$       |
| 20. | $8x(x+2xy^3+y^4)+4x^2(1+6x^2y+y^3)$ |
| 21. | $4m^2(m-8m^2-3m^3)-7m^3(8m-1)$      |