

# Algebraic Techniques - SET 25

## Simplifying algebraic expressions

Instructions: Expand and simplify

1.  $-2(d - 4) - 3(1 - 3d) =$  \_\_\_\_\_

2.  $-9(2 - b) - 3(2b - 5) =$  \_\_\_\_\_

3.  $-3(2g - 4) - 5(1 - g) =$  \_\_\_\_\_

4.  $-8(k - 3) - 3(1 - 2k) =$  \_\_\_\_\_

5.  $-7(e - 1) - 4(1 - 2e) =$  \_\_\_\_\_

6.  $-4(p - 2) - 3(2 - 3p) =$  \_\_\_\_\_

7.  $-12(1 - q) - 4(2q - 2) =$  \_\_\_\_\_

8.  $-4(2j - 1) - 7(1 - j) =$  \_\_\_\_\_

9.  $-7(2 - m) - 2(3m - 2) =$  \_\_\_\_\_

10.  $-6(2x - 3) - 3(7 - x) =$  \_\_\_\_\_