

# Algebraic Techniques - SET 20

## Removing brackets and simplifying

1.  $3(a + 5) + 5(a - 3) =$  \_\_\_\_\_

2.  $10(1 + 2p) - 20p =$  \_\_\_\_\_

3.  $6(2 + 2r) + 2(2 - 6r) =$  \_\_\_\_\_

4.  $a(b + c) + a(b - c) =$  \_\_\_\_\_

5.  $2(x + 2) + 2(2 - x) =$  \_\_\_\_\_

6.  $4(x + y) + 4(y - x) =$  \_\_\_\_\_

7.  $2(w - 5) + 2(w + 5) =$  \_\_\_\_\_

8.  $6 + 2(x - 3) =$  \_\_\_\_\_

9.  $2(2x + y) + 4(y - x) =$  \_\_\_\_\_

10.  $8i + 8(2 - i) =$  \_\_\_\_\_