

# Algebraic Techniques - SET 6

## Removing grouping symbols - distributive law

Instructions: Expand:  $x(a + b) = ax + bx$

1.  $a(r + x) =$  \_\_\_\_\_

2.  $e(f + i) =$  \_\_\_\_\_

3.  $(a + r)s =$  \_\_\_\_\_

4.  $(a + p)z =$  \_\_\_\_\_

5.  $(d + e)f =$  \_\_\_\_\_

6.  $p(q + r) =$  \_\_\_\_\_

7.  $(r + f)b =$  \_\_\_\_\_

8.  $(g + h)i =$  \_\_\_\_\_

9.  $p(m + n) =$  \_\_\_\_\_

10.  $k(p + r) =$  \_\_\_\_\_