

## QUADRATIC FACTORING WORKSHEET

Factor the following quadratics (each question is worth 1 mark):

(1)  $x^2 + 6x + 8 =$  \_\_\_\_\_

(2)  $x^2 + 13x + 42 =$  \_\_\_\_\_

(3)  $x^2 + 2x + 1 =$  \_\_\_\_\_

(4)  $x^2 + 11x + 28 =$  \_\_\_\_\_

(5)  $x^2 - 8x + 15 =$  \_\_\_\_\_

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

(7)  $x^2 - 6x + 9 =$  \_\_\_\_\_

(8)  $x^2 - 8x + 7 =$  \_\_\_\_\_

(9)  $x^2 - 5x + 6 =$  \_\_\_\_\_

(10)  $x^2 - 10x + 21 =$  \_\_\_\_\_

(11)  $x^2 + x - 6 =$  \_\_\_\_\_

(12)  $x^2 - 4x - 21 =$  \_\_\_\_\_

(13)  $x^2 - 2x - 8 =$  \_\_\_\_\_

(14)  $x^2 - 4x - 12 =$  \_\_\_\_\_

(15)  $x^2 + 5x - 6 =$  \_\_\_\_\_

(16)  $4x^2 - 16 =$  \_\_\_\_\_

(17)  $49x^2 - 25 =$  \_\_\_\_\_

(18)  $x^2 - 9 =$  \_\_\_\_\_