

- 1** (a) Factorise $a^2 + 3a - 28$ (2)
 (b) Solve $a^2 + 3a - 28 = 0$ (1)
 (3 marks)

- 2** (a) Factorise $x^2 - 7x + 10$ (2)
 (b) Solve $x^2 - 7x + 10 = 0$ (1)
 (3 marks)

- 3** (a) Factorise $b^2 + 9b + 20$ (2)
 (b) Solve $b^2 + 9b + 20 = 0$ (1)
 (3 marks)

- 4** (a) Factorise $x^2 - 3x - 18$ (2)
 (b) Solve $x^2 - 3x - 18 = 0$ (1)
 (3 marks)

- 5** (a) Factorise $y^2 - 10y + 9$ (2)
 (b) Solve $y^2 - 10y + 9 = 0$ (1)
 (3 marks)

- 6** (a) Factorise $a^2 - a - 56$ (2)
 (b) Solve $a^2 - a - 56 = 0$ (1)
 (3 marks)

- 7** Solve $x^2 + 14x + 24 = 0$
 (3 marks)

- 8** Solve $x^2 + 5x - 6 = 0$
 (3 marks)

- 9** Solve $x^2 + 5x + 6 = 0$
 (3 marks)

- 10** Solve $x^2 - 12x + 32 = 0$
 (3 marks)

- 11** Solve $x^2 + 19x + 90 = 0$
 (3 marks)

- 12** Solve $x^2 + 11x - 42 = 0$
 (3 marks)

- 13** Solve $a^2 - 10a + 16 = 0$
 (3 marks)

- 14** Solve $y^2 - 2y - 35 = 0$
 (3 marks)

- 15** Solve $x^2 + 3x - 54 = 0$
 (3 marks)

- 16** Solve $b^2 - 10b - 24 = 0$
 (3 marks)

- 17** Solve $m^2 + 13m + 40 = 0$
 (3 marks)

- 18** Solve $x^2 + 10x - 24 = 0$
 (3 marks)