

1 Factorise $2x^2 + 5x + 2$
(2 marks)

2 Factorise $2x^2 + 11x + 12$
(2 marks)

3 Solve $3x^2 + 17x + 10 = 0$
(3 marks)

4 Factorise $2x^2 - x - 1$
(2 marks)

5 Factorise $3x^2 - 11x + 6$
(2 marks)

6 Solve $4x^2 - 19x - 5 = 0$
(3 marks)

7 Factorise $2x^2 + 3x - 9$
(2 marks)

8 Factorise $2x^2 - 9x + 10$
(2 marks)

9 Solve $5x^2 + 11x - 12 = 0$
(3 marks)

10 Factorise $3x^2 + 16x + 21$
(2 marks)

11 Factorise $2x^2 - 21x + 54$
(2 marks)

12 Solve $5x^2 - 37x - 24 = 0$
(3 marks)

13 Factorise $6x^2 + 17x + 12$
(2 marks)

14 Factorise $9x^2 - 3x - 20$
(2 marks)

15 Solve $15x^2 - 22x + 8 = 0$
(3 marks)

16 Factorise fully $2x^2 - 98$
(2 marks)

17 Factorise fully $3x^2 - 12$
(2 marks)

18 Solve $5x^2 - 80 = 0$
(3 marks)

19 Factorise $x^2 + 2xy + y^2$
(2 marks)

20 Factorise $2x^2 + 13xy + 15y^2$
(2 marks)

21 Factorise $3x^2 - 17xy + 20y^2$
(2 marks)