

2.3 Answers

GCSE Mathematics Simultaneous Equations III

2.3.1 Solutions (2.2 Revision Exercise)

Answer 1

(i) $x^2 + 17x + 66$

(ii) $12x^2 + 11x - 15$

(iii) $x^2 + 8x + 16$

Answer 2

(i) $x^2 + 26x + 18$

(ii) $4x^2 + 12x + 13$

(iii) $21x^2 - 6x - 8$

Answer 3

(i) $19x^2 - 3x + 3 = 0$

(ii) $3x^2 + 19x - 16 = 0$

(iii) $13x^2 - 3x + 5 = 0$

Answer 4

(i) $x^2 + 9x + 37 = 0$

(ii) $x^2 + 3x + 16 = 0$

(iii) $8x^2 - 14x + 3 = 0$