

1) Factorise the following:

a) $2x^2 + 7x + 3$

b) $3x^2 + 5x - 2$

c) $6x^2 - 11x + 3$

d) $8x^2 + 10x + 3$

e) $6x^2 - 7x - 20$

f) $4x^2 - 4x - 15$

2) Solve the following:

a) $5x^2 + 9x - 2 = 0$

b) $6x^2 + 5x - 6 = 0$

c) $12x^2 + 25x + 7 = 0$

d) $8x^2 - 14x - 15 = 0$

e) $10x^2 - 43x - 30 = 5$

f) $4x^2 - 8x + 2 = 7$