

Preview from Notesale.co.uk
Page 6 of 6

$$\frac{2x^2 + 8x + 34}{x^2 + 5x + 6} = \frac{25}{12}$$

$$12(2x^2 + 8x + 7) = 25(x^2 + 5x + 6)$$

$$24x^2 + 96x + 84 = 25x^2 + 125x + 150$$

$$25x^2 + 125x + 150 - 84 - 96x - 24x^2 = 0$$

$$x^2 + 29x + 66 = 0 \quad \underline{\underline{Ans}}$$