(b) 
$$2x^{2}+3x^{2}+1=0$$
  
 $4x + a + x^{-1}$   
 $2x^{2}+3x^{2}+1=0$   
 $2x + 1=0$   
 $x^{2} - 2 - \frac{1}{2}$   
 $x^{2} - \frac{1}{2}$ 

(c) 
$$\log_2 x + \log_2 (x-2) = 3$$
  
 $\log_2 [x(x-2)] = 3$   
 $x(x-2) = 2^3$   
 $x^2 - 2x = 8$   
 $x^2 - 2x = 8$   
 $x^2 - 2x = 8 = 0$   
 $(x - 4)(x + 2) = 0$   
 $x = 2$   
 $x = 2 - 2 = 8$   
 $x^2 - 2x = 8 = 0$   
 $(x - 4)(x + 2) = 0$   
 $x = -2$   
 $x = -2$ 

(b) 
$$\left| \frac{1}{x_{11}} - \frac{1}{x_{2x}} = 1 \right|$$
  
 $\left| \frac{1}{x_{11}} - \frac{1}{x_{2x}} + \frac{1}{x_{12}} + \frac$