Use the Master Theorem to solve the following recursive equations by showing each of the steps described in class.

(a) 
$$T(n) = 4T(n/2) + 7n^2 - 2n$$

(b) 
$$T(n) = 2T(n/3) + \Theta(n^2)$$

$$n) = 2T(n/3) + \Theta(n^2)$$
  
L. Court fla) to foreture =  $f(a) \ge kn^2$ 

Since 
$$\ln^2 = \mathcal{R}(n^{6.73})$$
 for  $\epsilon = 0.0$   $\ln^2 = \mathcal{R}(n^{6.73})$