SOLVE THE FOLLOWING MULTI STEP INEQUALITIES

$$\frac{1}{x+2.3} < \frac{3}{x-4.1}$$

$$9.3 - 6x < 4\,(x+13.8)$$

$$-4(4+7x) + x \geq -6x + 5$$

$$-2n - 40 < 5(6 + n) + 7n$$

$$25 + \frac{2x}{3} \leq 35 - x$$

$$\frac{3x}{4} + 2x > 2$$

$$\frac{2x+1}{3} \geq 5$$

$$-7(4 - x) + 4 \geq -18 + 7x$$

$$6x + 2 \leq 2x + 6$$

$$1 < -4x + \frac{3}{2}$$

$$2(5x + 11) < \frac{9x}{2}$$

$$\frac{1}{3}(8x + 10) > x$$

$$\frac{1}{2} < \frac{x}{8} - \frac{x}{4}$$

$$\frac{1}{12}(5x + 7) < \frac{1}{3}x$$

...Keith has $500 in a savings account at the beginning of the summer. He wants to have at least $200attheend of the summer. He withdraws $25 per week for food, clothing, and movie tickets. Howmanyweekscan Keith withdraw money from his account?

A taxi charges a flat rate of $1.75, plus an additional $0.65 per mile. If Erica has at most $10tospendonthe cab ride, how far could she travel?

Chris wants to order DVD's over the internet. Each DVD costs $15.99 and shipping the entireordercosts$9.99. If he can spend no more than $100, how many DVD's could he buy

Allison practices her violin for at least 12 hours per week. She practices for three fourths of anhoureachsession. If Allison has already practiced 3 hours this week, how many more sessions remainfor hertomeetor exceed her weekly practice goal?

) Pet Supplies makes a profit of $5.50 per bag on its line of natural dog food. If the store wants tomakeaprofit of no less than $5225, how many bags of dog food does it need to sell ?

Ryan is a wrestler trying to make weight. He currently weighs 200 lbs. If he cuts 2 lbs. per week, howmanyweeks will it take him to weigh less than 175 lbs.?

Tom is deciding whether or not he should become a member gym to use their basketball courts. Themembership cost is $135. Members pay $2 to rent out the basketball courts. Non-members canrent thecourt also, but they have to pay $11 each time. how many times would Tomneed to rent thecourt inorderfor it be cheaper to be a member than a non member?