Word problems on inequalities

1) x is at most 30 _____

2) The sum of 5x and 2x is at least 14 _____

3) The product of x and y is less than or equal to 4 _____

4) 5 less than a number y is under 20_____

5) If 5 times a number is increased by 4, the result is at least 19. Find the least possible number that satisfies these conditions.

6) The sum of twice a number and 5 is at most 15. What are the possible values for the number?

7) The cost of a gallon of orange juice is $3.50. What is the maximum number of containers you can buy for $15?

8) The quotient of a number and 15 is no greater than 450. What are the possible values for the number?

9) Jason is saving up to buy a digital camera that costs $490. So far, he saved $175. He would like to buy the camera 3 weeks from now. What is the equation used to represent how much he must save every   week to have enough money to purchase the camera?

10)   Sid is $300 in debt. He needs to get the debt down to no more than $100 within the next 8 months. If he pays the same amount each month, what is the minimum he must pay off each month to manage this?

11) Joe's cell phone costs him $21 per month plus $3 for every 1GB of data downloaded. What is the limit to the number of GBs he can download to stay within his monthly budget of $30?

12) Allison practices her violin for at least 12 hours per week. She practices for three fourths of an hour each session. If Allison has already practiced 3 hours this week, how many more sessions remain for her to meet or exceed her weekly practice goal?