Translate the verbal sentences into an algebraic inequality (you do not need to solve)

Solve each problem by using inequalities				
4.	Twice a number increased by 6 is at least 35			
3.	6 less than a number is greater than 4			
2.	the sum of 5x and 2x is at least 70			
1.	x is at most 50			

5. The product of nine and x is greater than 27.

6. Chris wants to order a movie from Amazon. Each blu ray costs \$15.99 and shipping for the entire order is \$9.99. Chris has no more than \$100 to spend. How many movies can Chris order without exceeding his limit?

7. Stephanie wants to go see One Direction in concert. She has \$23 in her piggy bank. Her mom says she will pay her \$2 per chore around the house to help her buy the \$75 ticket. What is the least amount of chores Stephanie will have to complete to be able to buy the concert ticket?

8. The dance committee hired a DJ for the fall dance. The DJ charges \$125 per hour plus \$55 for an assistant. The committee wants to keep the total cost under \$600. What is the maximum amount of hours the DJ will play at the dance?

9. Hot Wheels Skating Rink charges a \$50 fee for birthday party rentals and \$5.50 for each person. Josh has no more than \$100 to spend on his birthday party. How many people can Josh invite to his party without go over his limit?

10. Shaggy is renting a carpet cleaning machine. The machine will cost \$45 to rent plus\$4.50 per hour. Shaggy is short on cash this month and has no more than \$125 to clean his carpet. How long can Shaggy keep the carpet cleaner and not blow his budget?

11. Jackson is starting a new company selling t-shirts. He plans on selling the shirts for \$15 each. The cost of shirts and printing cost him \$250. How many shirts will he need to sell to make a profit of at least \$100?

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