

4. Kyla would like to give a party bag to every person who is coming to her party. The cost of the party bag is \$7 per person. Write an inequality that describes the number of people P that she can invite if she has D dollars to spend on party bags.
5. Edmundo takes a job translating English materials to Spanish. He will receive \$15 per page plus \$100 per month. He would like to work for 3 months during the summer and make at least \$1500. Write and solve an inequality to find the minimum number of pages Edmundo must translate in order to reach his goals.
6. The sample below shows how Adrian solved an inequality. Study the solution and determine if it is correct. If it is correct, explain your reasoning. If it is not correct, state the error and correct the mistake.

$$10 < -2x + 4 < 16$$

$$6 < -2x < 12$$

$$-3 < x < -6$$