

2. To raise money, the student council sells candy – grams each year. From past experience, they expect to sell 400 candy – grams at a price of \$4 each. They have also learned from experience that each \$0.50 increase in the price causes a drop in sales of 20 candy – grams. Write an equation that models this situation. Suppose the student council needs revenue of at least \$1 800. Solve an inequality to find all the possible prices that will achieve the fundraising goal.