Define a variable and wr	ite an inequality that repr	esents each statement and	d solve.
1. The booster club raised \$ solve an inequality to find the	102 in their car wash. They when number of soccer balls the	vant to buy \$18 soccer balls f ey can buy. Thur have	or the soccer team. Write and めいる とっちゃったった。
X=# of 1' Society Dulls	Px < 102	18 NOT	
bulls		90	answer
	X = 5 12/18		-we can purchase up
	X 5 5 2/3 M	nathematical	to 5 societ
furthest distance in miles sh	of \$1.50 in addition to \$0.60 μ e can travel in the cab?		nd more than \$10, what is the
1.50+.6	m ≤ 10 -1.50	6/8:	
-X.50	-1.50	-6.	<u>></u> 5 4
10(.64	n = 8.5		Nonements.
	m = 85	m = 14/16	miles
3. Keith has \$500 in a saving	s account at the beginning of	f the summer. He wants to ha	ave at least \$200 in the
	ımmer. He withdraws \$25 ea		

weeks can Keith withdraw money from his account?

$$W = \# g \text{ whens}$$

$$\frac{500 - 25x \ge 200}{-500}$$

$$\frac{-25x \ge -300}{-25} \text{ divided by a negative need}$$

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4. A cellular phone company advertises cut-rate phone service for \$9.00 a month plus \$0.45 per call. If your budge allows you to spend at most \$15 on phone service a month, what is the maximum number of call you can make?

