

# Episode 6: Inequalities

Notes:

- read the inequality from the variable
- less than means to the left or below
- greater than means to the right or above

- 1 simple and compound
- 2 graphing linear ineq.
- 3 writing inequalities

1

A ride requires that you are at least 54" tall.



A ride requires that you are at least 54" tall and no more than 74" tall.



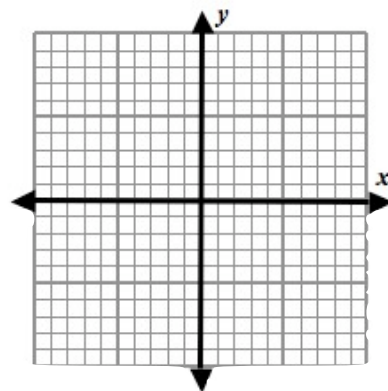
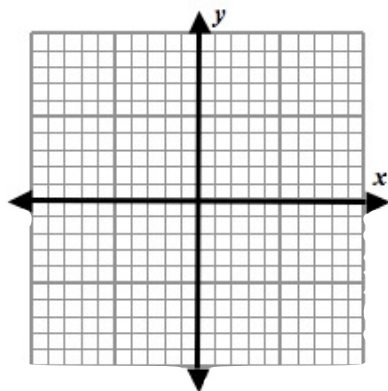
You're raising money by selling T-shirts. You have to pay \$7.50 per shirt, plus a screening fee of \$20. You plan on selling shirts for \$10 each. If you want to make a profit of at least \$100, how many shirts must you sell?

episode  
in  
answer

2

$$y \leq 2x - 4$$

$$x > 5$$



episode  
in  
answers

3

You have \$20 to spend on a gift for me. You know that I like gummy bears and dark chocolate. Gummy bears are \$1.50/pack and dark chocolate is \$2.00/pack. How much of each can you get?

answer  
in  
episode