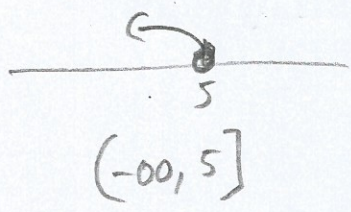


- 6) The sum of twice a number and 5 is at most 15. What are the possible values for the number?

$$2x + 5 \leq 15$$

$$2x \leq 10$$

$$x \leq 5$$



- 7) The cost of a gallon of orange juice is \$3.50. What is the maximum number of containers you can buy for \$15?

$$x(3.50) \leq 15$$

$$x \leq 4.28$$

4
(costs \$14)

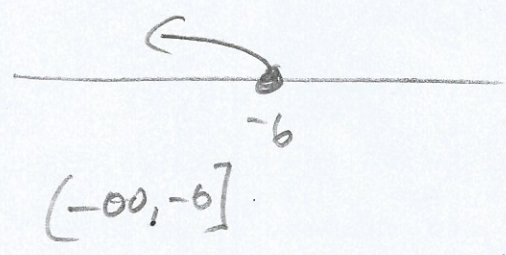
- can only buy 4 b/c 5 costs too much (17.50)
- buying 4 leaves him \$1 to buy gum 😊

- 8) Three times a number increased by 8 is no more than the number decreased by 4. Find the number.

$$3x + 8 \leq x - 4$$

$$2x \leq -12$$

$$x \leq -6$$



- 9) Two-thirds of a number plus 5 is greater than 12. Find the number.

$$\frac{2}{3}x + 5 > 12$$

$$\frac{2}{3}x > 7$$

$$x > \frac{21}{2}$$

