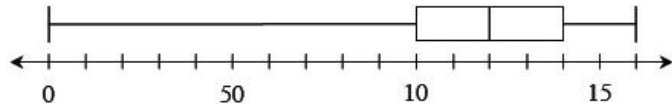
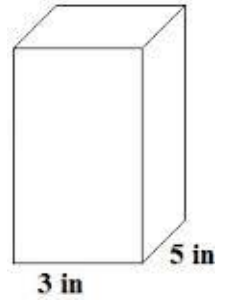


Math Concepts HW 16 5.4.15



Above is a box plot for the calories in 11 different brands of soda. We will talk about Box Plots in class on Monday. Wait until after class to do #1-#5.

- 1) What was the highest number of calories in all the sampled sodas?
- 2) Find the range for soda calories.
- 3) Find the median for soda calories.
- 4) What percent of the sodas have between 10 and 14 calories?
- 5) What percent of the sodas have more than 10 calories?
- 6) The volume of the rectangular prism is 120 in^3 . Find the height of the prism.
- 7) Is it a Statistical Question?



- a) How tall is Reser Stadium?
- b) How tall do you think Reser Stadium is?
- c) Beavers or Ducks?

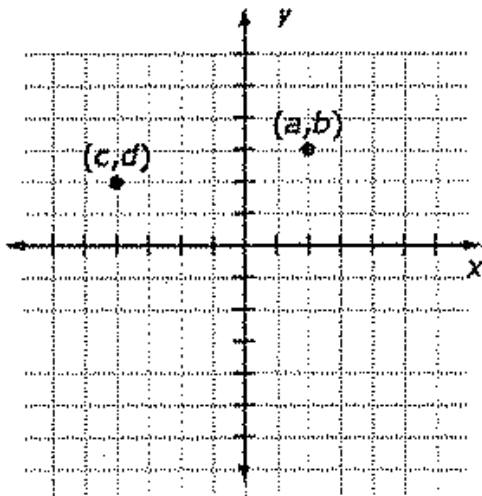
Is $-n$ positive for the following numbers? 8) $n = 10$ 9) $n = -8$ 10) $n = 0$

Do the following numbers make the inequality $x < -20$ true?

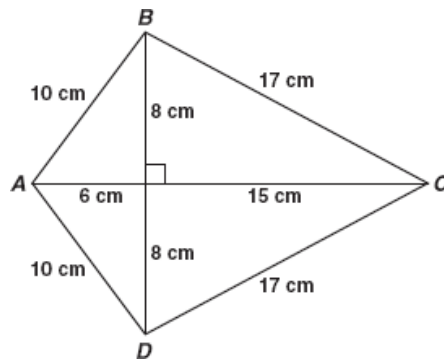
- 11) -200
- 12) -20
- 13) -1
- 14) 0

Plot and label the following point below.

- 15) $A = (a, -b)$
- 16) $B = (-c, d)$



17) Find the area of the kite.



18) Max earned \$50 weeding his mom's garden. He spent d dollars at the Book Bin. Write an expression for how much money Max has left.