**Homework Sheet # 8M** Name:

Parent Signature: Date: Period:

*Show all work* - ***NO CALCULATORS! Due: Thursday 10/23***

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**1.** List the rational numbers in ascending order.

, -1.4 , 0.75 , - , 21%

**2.** What integer is the opposite of the value of point *T* on the number line?



**3.** List the following temperatures in descending order.

**-21°, 5°, 16°, -16°, 0°, -13°**

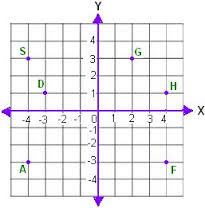
**4.** What is the absolute value of 45?

**5.** True or False

**The answer to an absolute value question is always positive.**

**6.**

**7. Name all points that have a positive X coordinate and a negative Y coordinate.**

[](http://www.google.com/imgres?imgurl=https://www.myqbook.com/DisplayList_Files/CommonGrade6_files/1530Q.JPG&imgrefurl=https://www.myqbook.com/DisplayList_Files/CommonGrade6.aspx&h=261&w=257&tbnid=ofLBOsrvhXIuVM:&zoom=1&q=coordinate%20grid%20questions&docid=Of_7lPM8tVCFBM&ei=EPM2VN7_CIrpggSCx4K4Bg&tbm=isch&ved=0CCgQMygGMAY&iact=rc&uact=3&dur=1180&page=1&start=0&ndsp=22)

**8.** 45- (-63) =

**9.** .95 x 6.8=

**10.** Using the number line, place the following points in the appropriate position on the line.



A = , B = -, C = - , D = , E =

**11.** (-71)(-4) =

**12.** 51 ÷ -3

**13.** Mr. Smith’s car averages 23.75 miles per gallon of gasoline. Express this amount as a mixed number.

**14.** List the temperatures in order from hottest to coldest.

**12, -**47, -03, 05, 13, -28

**15.** The Siberian tiger can grow up to feet. Express this length as a decimal.

**16.** Write .29 as a percent

**17.** Write .31 as a fraction

**18.** Write as a decimal

19. Last week, the cost of a tank of gas increased by $1.64. Express this increase as a fraction in simplest form.