MATH **017** HOMEWORK 8 Questions

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The idea in this HOMEWORK is to realize that the *nature* of the solution subset depends very much on whether we use *counting numbers* or *decimal numbers* in the data set.

Hw **8-1.** Given the basic *equation* in **Dollars**

$$x = -13.72$$

name its solution subset in **Dollars**.

Hw **8-2.** Given the basic *inequation* in **Dollars**

$$x < -13.72$$

name its solution subset in **Dollars**

Hw **8-3.** Given the basic *inequation* in **Dollars**

$$x > -13.72$$

name its solution subset in **Dollars**

Hw **8-4.** Given the basic *inequation* in **Dollars**

$$x \leqq -13.72$$

name its solution subset in **Dollars**

Hw **8-5.** Given the basic *inequation* in **Dollars**

$$x \geqq -13.72$$

name its solution subset in **Dollars**

Hw **8-6.** Given the basic *equation* in **Dollars**
$$x = -13.72$$

graph its solution subset

Hw **8-7.** Given the basic *inequation* in **Dollars**

$$x < -13.72$$

graph its solution subset

Hw **8-8.** Given the basic *inequation* in **Dollars**
$$x > -13.72$$
graph its solution subset

Hw **8-9.** Given the basic *inequation* in **Dollars**
$$x \leqq -13.72$$
graph its solution subset

Hw **8-10.** Given the basic *inequation* in **Dollars**
$$x \geqq -13.72$$
graph its solution subset

Hw **8-11.** Given the basic *inequation* in **Dollars**
$$x \neq -13.72$$
graph its solution subset