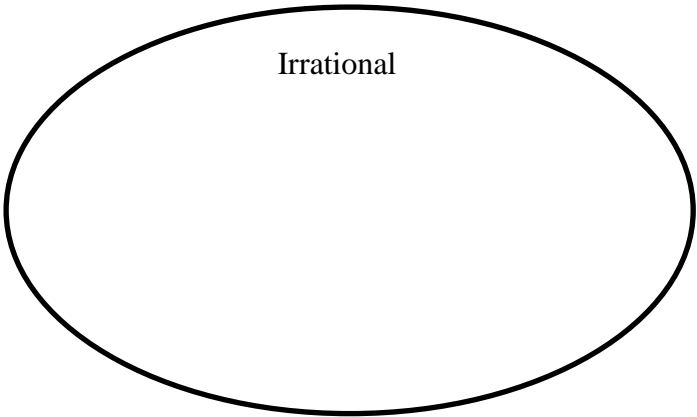
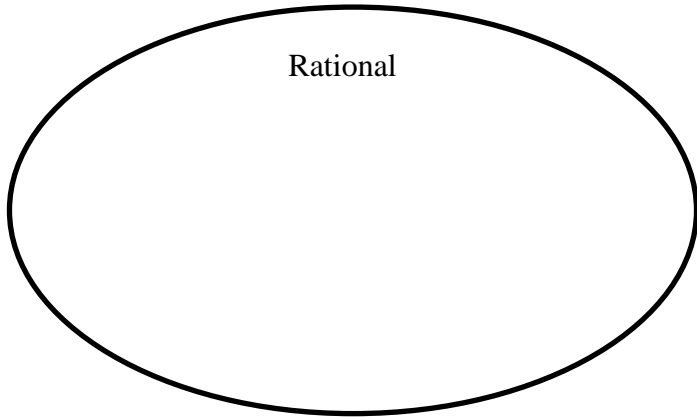


1. Sort the numbers into 2 groups: rational or irrational. Write the numbers in the appropriate bubble.

- 0.8 $\sqrt{64}$ 0 $\sqrt{32}$ -19 $-\sqrt{100}$ 2.343443444...
- $\frac{3}{7}$ $\sqrt{75}$ $6\frac{2}{7}$ $12.\overline{67}$ $\sqrt{121}$ $\frac{12}{5}$ π



2. Graph and label each number on the number line below. You may label the number with the letter.

A 0.75

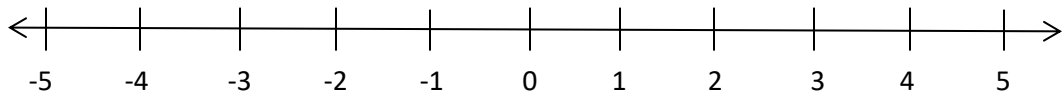
B $|-1.5|$

C $1\frac{2}{3}$

D $-2\frac{1}{2}$

E $-\frac{15}{10}$

F $-2.\overline{6}$



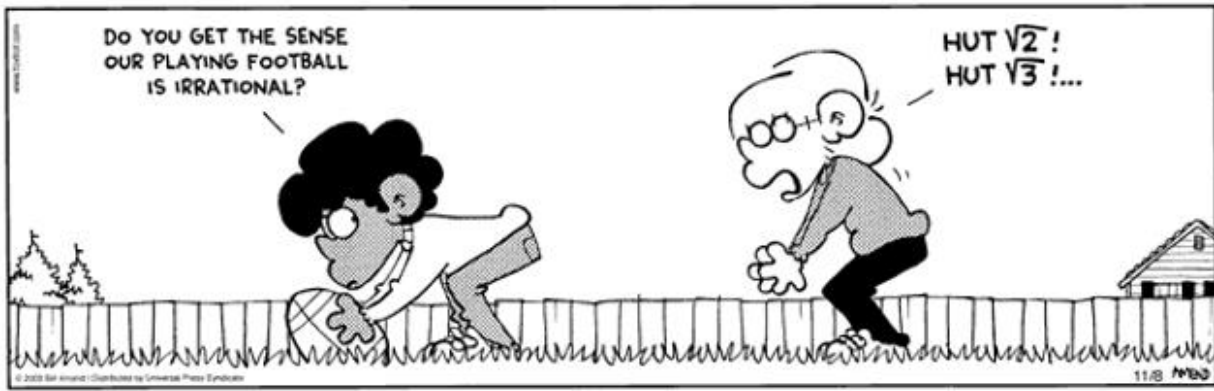
3. Choose the best set of the real numbers that would describe these real world examples. Explain your choice.

- a. the value of bills in a person’s wallet:
- b. the balance of a checking account:
- c. the circumference of a circular table:
- d. the number of points that a team scores in a football game:
- e. the number of people on a bus on a route:
- f. the area of a circular platform:
- g. the value of coins in a purse:

Whether you think you can or think you can't - you are right.



These comics are focused on irrational and rational numbers.



3. Design your own comic strip to highlight characteristics of at least two different number sets that we have discussed:
(You don't have to use both strips; there are two just in case you need them.)

