

American Math 6th Grade HW 13;

Rational Numbers; Coordinate Plane

1- First, tell whether each decimal is a fraction or a mixed number.
Then, write it in simplest form.

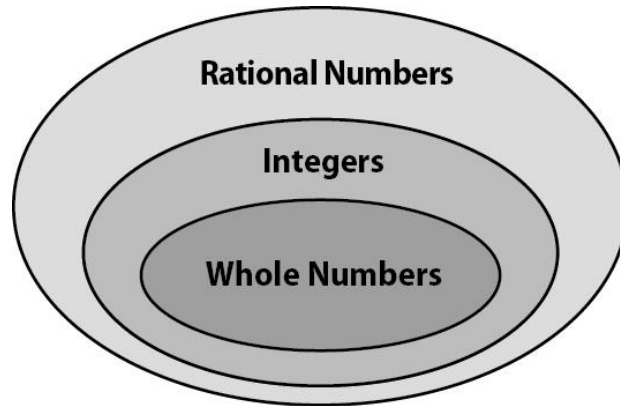
a. 2.8 _____ b. 0.76 _____ c. -23.36 _____

2- Write the numbers in order from least to greatest.

a. 6.58, -4.7, $-5\frac{7}{8}$ _____

b. -0.52, -0.09, $-\frac{3}{8}$ _____

3- Place each number in the correct place on the Venn diagram.
Then list all the sets of numbers to which each number belongs.



a. $\frac{1}{6}$ _____

b. 0 _____

c. 0.68 _____

d. -7.2 _____

e. 24 _____

f. $-14\frac{1}{2}$ _____

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4- Write the opposite and the absolute value of each rational number.

a. $-\frac{2}{3}$

b. $1\frac{1}{7}$

c. -0.89

d. 3.47

5- List three numbers that fit each description.

a. Whole numbers greater than 7 _____

b. Integers that are not whole numbers _____

c. Rational numbers less than 1 that are not integers _____

6- Give the coordinates of the points on the coordinate plane.

A (____, ____)

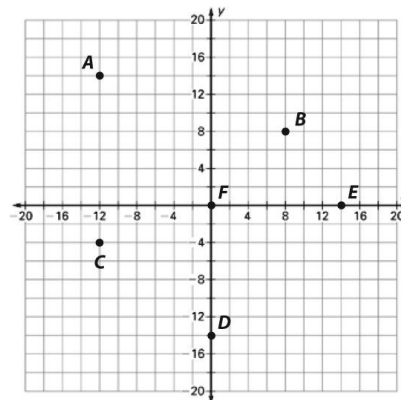
B (____, ____)

C (____, ____)

D (____, ____)

E (____, ____)

F (____, ____)



7- Plot the points on the coordinate plane.

G (3, 5)

H (-4, 7)

J (-12, 8)

K (-10, -6)

M (16, 0)

P (0, -18)

