

October Revision

1. Choose the correct answer:

a. The greatest non-positive integer is.

A. 1 **B.** -1 **C.** 0 **D.** 1.1

b. The number..... is divisible by 6

A. 633 **B.** 236 **C.** 324 **D.** 662

c. Which of the following are relatively prime numbers?

A. 2 and 10 **B.** 9 and 25

C. 4 and 6 **D.** 15 and 6

d. The rational number - 2.5 in the form of $\frac{a}{b}$ is.

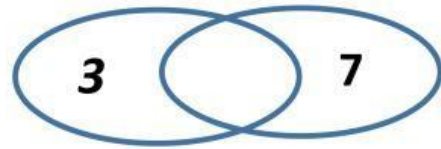
A. $\frac{25}{10}$ **B.** $-5\frac{2}{10}$ **C.** $-\frac{25}{10}$ **D.** $-2\frac{1}{5}$

e. $\left| -3\frac{1}{4} \right| \dots\dots\dots -4\frac{1}{3}$

A. < **B.** > **C.** =

2. Complete the following:

a. In the opposite Venn diagram the L.C.M is.....



b. The distance between - 4 and its opposite on the number line equals..... units.

c. $\frac{1}{3} + \frac{2}{5} = \dots\dots\dots$

d. $2\frac{1}{5} - 1\frac{1}{6} = \dots\dots\dots$

e. In the algebraic expression: $3x+5y +2$, the constant is

3. a. Arrange the following numbers from the least to the greatest.

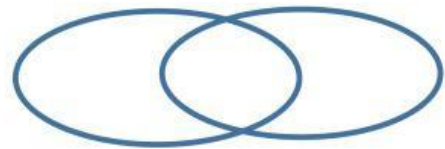
$$\frac{-1}{2}, 2\frac{1}{2}, \frac{3}{4}, \mathbf{0}, \frac{-7}{12}$$

b. Ahmed studies x hours daily, write an algebraic expression for the number of studied hours in a week.

c. Find the G.C.F and L.C.M of the two numbers 35 and 42 by using Venn diagram.

G.C.F=

L.C.M=



d. Find three rational numbers lies between: $\frac{3}{4}$ and $\frac{4}{5}$