

WORKSHEET -1

CLASS 8

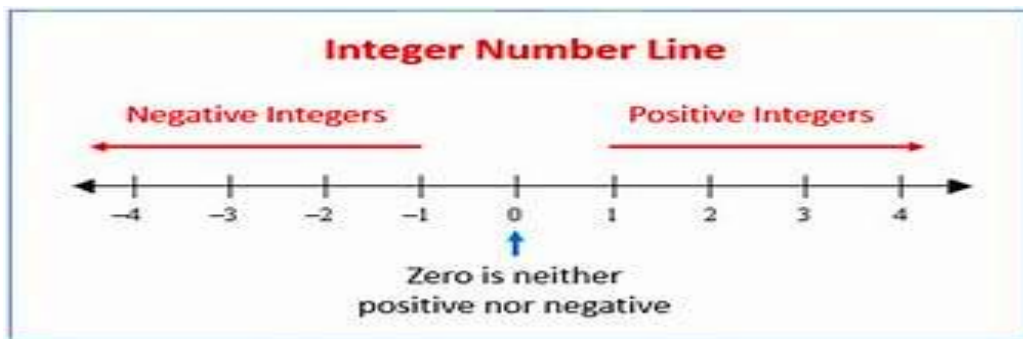
SUBJECT: MATHS (RATIONAL NUMBERS)



Qus 1: What do you mean by rational number. Explain with example.

Qus 2: Show the following numbers on a number line. Draw a separate number line for each number

- 1) $3/2$ 2) $4/7$ 3) $-2/6$



Qus 3: Find the additive inverse of a) $-5/9$ b) 3

Qus 4: Find the multiplicative inverse of a) $7/9$ b) $1/3$ c) 3

Qus 5: Multiply $6/13$ by reciprocal of $-7/16$

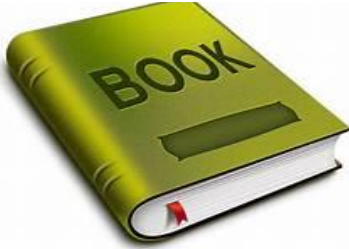
Qus 6: Find three rational number $3/4$ and $1/2$

Qus 7: Find four rational numbers smaller than 2.

Qus 8: Write

- 1) The rational number that does not have a reciprocal.**
- 2) The rational numbers that are equal to their reciprocals.**
- 3) The rational number that is equal to its negative.**

Qus 9:



During the holidays ,smith was busy in reading book. After reading $\frac{7}{9}$ of a book, 40 pages are left. How many pages are there in the book?

Qus 10:



The table shows the portion of some common material that are recycled.

Material	Recycled
Paper	$\frac{5}{11}$
Soda Cans	$\frac{5}{8}$
Glass	$\frac{2}{5}$
Plastic bags	$\frac{3}{4}$

- (1) Is the rational number expressing the amount of paper recycled is more than half or less than half?**
- (2) Which items has recycled amount less than half?**
- (3) Arrange the rate of recycled material from the greatest to smallest.**