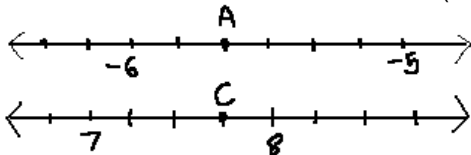


Mathematics For Class 8
Rational Numbers

(Each carry 1 mark)

- 1) Find two rational numbers between -2 and 0 .
- 2) Write the additive inverse of $-27/-89$ and $2/13$.
- 3) Write the multiplicative inverse of 0 and $-6\frac{2}{3}$?
- 4) Write the rational number whose multiplicative number is the number itself.
- 5) Identify the position of the point $9/6$ on the number line.
- 6) Add the multiplicative inverses of $3/8$ and $7/12$.
- 7) One coin weighs $7\frac{1}{4}$ g. How much would 24 coins weigh.

(Each carry 2 Marks)



- 8) write the rational numbers presented by A and C.
- 9) Represent $-7/4$, $14/3$ on the number line.
- 10) Find three rational numbers between $-5/6$ and $5/8$ using arithmetic mean.
- 11) By what number should $\frac{-33}{8}$ be divided to get $\frac{-11}{2}$?

(Each carry 3 Marks)

- 12) Using appropriate properties, find $\frac{-2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$
- 13) Using the appropriate property, find $\frac{-3}{4} \times \frac{2}{3} + \left(\frac{-3}{4} \times \frac{-5}{6} \right)$.
- 14) Find the sum of $\frac{3}{7} + \left(\frac{-6}{11} \right) + \left(\frac{-8}{21} \right) + \frac{5}{22}$.
- 15) Ritu came home to find a pizza on the table of which $1/5^{\text{th}}$ was already eaten. She then eats $(1/3 \text{ rd})$ of what was remaining. Find the portion of pizza that is left.
- 16) A pump pumps out $12\frac{3}{4}$ kl of water per minute from a reservoir. How many kl of water will be pumped out in $4/5^{\text{th}}$ of an hour?