

- Q1.. Zero has Reciprocal.
- Q2. Multiplicative identity of $\frac{5}{7}$ is
- Q3. Represent the following rational numbers on number line:
1. $\frac{3}{5}$ 2. $-\frac{9}{4}$
- Q4. Insert 5 rational numbers between $\frac{1}{3}$ and $\frac{2}{3}$.
- Q5. Write the additive inverse of each of following-
(a) $\frac{4}{5}$ (b) $-\frac{8}{7}$
- Q6. Write the following numbers in standard form- 1) 34500000 2) 24567.789
- Q7. Which rational number is greater in $\frac{-3}{7}, \frac{-5}{9}$
- Q8. Write four rational number equivalent to $\frac{-3}{7}$.
- Q9. Simplify the followings
(i) $\frac{3}{4} + \frac{-2}{3} + \frac{1}{2}$ (ii) $(\frac{-9}{15} \div \frac{27}{60}) \times \frac{5}{16}$
- Q10. Divide: (i) 0.058 by 100 (ii) 0.08085 by 0.35
- Q11. Simplify
1) $2x(4-x)+3x(x+4)$ 2) $x(x-5)+3x(3+4x)$
3) $4(2x-9)$ 4) $4x(8x-6)+6$
- Q12. Find value of expression at $x=2$
1) $2x(5x-20)$ 2) $4x(5+7x)$
- Q13. Find the perimeter and area of a square of side 14cm.
- Q14. Find the perimeter and area of a rectangle of length 12cm and breadth 10cm.
- Q15. Find the circumference of a circle of radius 8cm.
- Q16. Find the area of a circle of radius 12cm.
- Q17. If the radius of a circle is 25cm, what will be its diameter?
- Q18. If the diameter of a circle is 24cm, what will be its radius ?
- Q19. Ramesh has taken 5 rounds of a circular park of diameter 12cm, how much distance he has covered ?
- Q20. The perimeter of a rectangular park is 260m, if its length is 25cm . what will be its breadth and area.

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