1. Express $\frac{-84}{240}$ in standard form.

2. If $\frac{-3}{x}=\frac{9}{15}$ then find x.

3. Express $-\frac{45}{63}$ in standard form.

4. Express $\frac{-5}{-9}$ as a rational number with denominator 45.

5. What number should be added to $-\frac{5}{6}$ so as to get $\frac{3}{2}$?

6. What is the product of $-\frac{15}{7}$ and its reciprocal?

7. The product of two rational numbers is $-\frac{9}{16}$. If one of the number $-\frac{3}{4}$, is then find the other number.

8. How many pieces of equal size can be cut from a rope of 30m long, each measuring $3\frac{3}{4}\text{m}$?

9. What is the multiplicative inverse of $-\frac{18}{3}+1$?

10. What is the sum of $-\frac{5}{9}$ and $\frac{11}{18}$?

11. A ribbon of length 4m is to be divided amongst 25 students. Find the length of the ribbon in cm each child gets.

12. The perimeter of a Rhombus is $64\frac{3}{4}\text{m}$. What is the length of each side?

13. Multiply: $\frac{-18}{63}$ by $\frac{7}{-5}$

14. Find the product of $\frac{3}{7}$ and reciprocal of $\frac{2}{7}+\frac{1}{14}$.

15. Simplify : $\frac{4}{3}\div\left[\frac{3}{5}-\frac{1}{2}\right]$

16. Find a rational number which is 7 less than $\frac{-8}{13}$?

17. Evaluate: $\left(-5\times\frac{2}{15}\right)-\left[-6\times\frac{2}{9}\right]$

18. Find the value of: $\left(\frac{3}{15}+\frac{3}{5}\right)+\left(\frac{3}{15}+\frac{3}{5}\right)$.

19. The cost of 15kg of sugar is ` $225\frac{3}{4}$. What is the cost of 1kg of sugar?

20. By what no. should we multiply $\frac{-8}{13}$ so that the product is 24 ?