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MATHEMATICS HOLIDAY HOME WORK, CLASS VIII

1. Represent the following rational numbers on the number line. (i) $-\frac{3}{10}$ (ii) $\frac{8}{7}$ (iii) 1.345 (iv) $\frac{21}{7}$
2. If you subtract $\frac{1}{8}$ from a number and multiply the result by $\frac{1}{4}$, you get $\frac{1}{16}$. What is the number?

3. Find two rational numbers between (i) -3 and 3. (ii) 0 and 1.

4. Verify that:

(i) $\frac{-1}{2} + \left[\left(\frac{-4}{3} \right) + \frac{3}{7} \right]$ and $\left[\left(\frac{-1}{2} \right) + \frac{3}{7} \right] + \left(\frac{-4}{3} \right)$ are there same

(ii) $\frac{2}{3} \times \left[\frac{-6}{7} + \frac{4}{5} \right] = \left[\frac{2}{3} \times \frac{4}{5} \right] \times \left(\frac{-6}{7} \right)$

5. Find: $\frac{5}{22} + \frac{3}{7} + \left(\frac{-8}{21} \right) + \left(\frac{-6}{11} \right)$

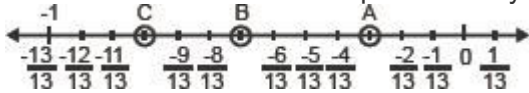
6. Find: $\left(\frac{-14}{9} \right) \times \frac{3}{5} \times \left(\frac{-4}{7} \right) \times \frac{15}{16}$

7. Find three rational number between $\frac{3}{7}$ and $\frac{2}{3}$.

8. Find five rational numbers between $\frac{2}{5}$ and $\frac{1}{4}$.

9. Find 10 rational numbers between $\left(\frac{-2}{3} \right)$ and $\frac{2}{3}$.

10. Write the rational number represented by the points A, B, and C on the following number line:



11. The product of two rational numbers is $\left(\frac{-28}{81} \right)$. if one of them is $\frac{-2}{3}$, then find the other

12. Practice all Examples, Try this bits in chapter 1 and 2 (till date).