HOLIDAY HOMEWORK

MATHS

CLASS VIII

1. Product of two numbers is 5/21. One number is 2/7. Find the other number.
2. Divide 4/9 by -2/3.
3. Multiply 21/8 by the reciprocal of 7/-5
4. Find three rational numbers between ¼ and ½.
5. Represent: (a) 3/7 (b) -4/9 (c) 2/11 on number line.
6. Simplify: (a) -8/7×14/5 (b) -5/9×72/-125
7. Write down the additive inverse and multiplicative inverse of (a)15/29 (b) -3/71
8. Solve:
   (a) $\frac{2x+5}{3} = 3x - 10$
   (b) $\frac{a-8}{3} = \frac{a-3}{8}$
9. Solve: $x + 7 - \frac{8x}{3} = \frac{17}{6} - \frac{5x}{8}$
10. Solve: $\frac{3t-2}{4} - \frac{2t+3}{3} = \frac{2}{3} - t$
11. Solve : $\frac{x}{4} + 2 = \frac{6}{17}$
12. Solve: $2x + \frac{5}{3} = \frac{26}{3} - x$
13. The sum of two numbers is 45 and their ratio is 7:8. Find the number.
14. Subtract ¾ from 5/6.