



ANANDALAYA
WEEKLY TEST-3
Class : VII

Subject: MATHEMATICS
Date : 08/12 /2015

M.M: 20
Time: 1 Hour

- Q1. Reduce $\frac{36}{-24}$ in standard form. 1
- Q2. Write one rational number between $\frac{-3}{5}$ and $\frac{-1}{3}$ 1
- Q3. Write one next rational in the pattern $\frac{-1}{3}, \frac{-2}{6}, \frac{-3}{9}, \dots$ 1
- Q4. Which one is greater between $\frac{-8}{5}$ and $\frac{-7}{4}$. 1
- Q5. Construct a ΔABC such that $AB = 2.5$ cm , $BC = 6$ cm and $AC = 6.5$ cm 2
- Q6. Write the following numbers in ascending order ; 2
 $\frac{-3}{7}, \frac{-3}{2}, \frac{-3}{4}, \frac{-3}{5}$
- Q7. Construct a ΔDEF such that $DE = 7.5$ cm , $DF = 5$ cm and $m\angle F = 60^\circ$ 2
- Q8. Find the sum: $\frac{-8}{19} + \frac{-5}{57}$ 2
- Q9. Construct a ΔPQR , if $PQ = 5$ cm , $m\angle PQR = 95^\circ$ and $m\angle QRP = 40^\circ$ 2
- Q10. Find the value of : (a) $\frac{9}{2} \times (\frac{-7}{3})$ 2
(b) $-6 \div (\frac{2}{3})$
- Q.11 Construct an isosceles right ΔCAT , where $m\angle ACB = 90^\circ$ and $AC = 5$ cm. 2
- Q12. Draw a number line and represent the following rational numbers on it: 2
(a) $\frac{1}{4}$ (b) $\frac{-3}{8}$ (c) $\frac{-5}{4}$ (d) $\frac{5}{8}$