DR. VIRENDRA SWARUP EDUCATION CENTRE, PANKI, KANPUR

REVISION SHEET-1(2019-20)

MATHEMATICS

CLASS VIII

1. If 52x +1 ÷ 25 = 125, find the value of x.
2. Amit earns Rs. 16000 per month. He spends ¼ of his income on food; 3/10 of the remainder on house rent and 5/21 of the remainder on the education of the children. How much money is still left with him ?
3. In a school 5/8 of the students are boys. If there are 240 girls, find the number of boys in the school.
4. Find the value of x for which ($\frac{4}{9}$ )4× ($\frac{4}{9}$ )- 7 = ($\frac{4}{9}$ )2x – 1
5. Insert 5 rational numbers between – 3/7 and 2/5.
6. If 24 trousers of equal size can be prepared in 54 metres of cloth, what length of cloth is required for each trouser ?
7. Name the property and verify:

$\frac{7}{4 }$x ( $\frac{- 8}{3}+ \frac{- 13}{12}$ ) = $\frac{7}{4}$ × $\frac{- 8}{3}$ + $\frac{7}{4}$ × $\frac{- 13}{12}$

1. If p/q =- 4/9, q= 2/3 and r = - 8/11, then verify

P $×(q+r )$ = p× q + p× r

1. In a stack there are 5 books each of thickness mm and 5 paper sheets each of thickness 0. 016mm. What is the total thickness of the stack?
2. The size of a red blood cell is 0.000007 m and the size of a plant cell is 0. 00001275m. Compare these two.