NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH

Affiliated to CBSE – New Delhi.

WORK SHEET -3

Subject: MATHEMATICS

CLASS: VIII   **DURATION: 40 minutes**

1. The cost of $2\frac{3}{4}$ metres of cloth is Rs. $150\frac{2}{3}$. Find the cost of cloth per metre.

2. The sum of two rational numbers is $-\frac{4}{5}$. If one of the number is $-\frac{7}{20}$, find the other.

3. Two numbers are in the ratio 5 : 7. If the sum of the numbers is 84, find the numbers.

4. The numerator of a rational number is less than its denominator by 4. If the numerator is increased by 2 and the denominator is increased by 4, the number becomes $\frac{14}{15}$. Find the number.

5. The sum of the digits of a two digit number is 3. If we subtract 9 from the number, the digits are interchanged. Find the original number.

6. Solve: $\frac{12x+1}{4} = \frac{15x-1}{5} + \frac{2x-5}{3x-1}$

7. The measure of angles of a hexagon are x^0, $(x-5)^0$, $(x-5)^0$, $(2x-5)^0$, $(2x-5)^0$ and $(2x+20)^0$. Find all the four angles of the quadrilaterals.

8. The perimeter of a parallelogram is four times its adjacent angle. Find all the angles of parallelogram.

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