VIII – Mathematics Assignment No.-05- Rational Nos.

* Problem Sums

Q1. The product of two numbers is 60. If one of them is $7\frac{1}{2}$. Find the other.

Q2. $12\frac{1}{4}$ metre cloth costs Rs $212\frac{1}{3}$. Find the cost of 1 metre cloth.

Q3. With what number should we multiply $\frac{-15}{28}$ so that the product be $\frac{-5}{7}$?

Q4. The sum of two rational numbers is -8. If one of the number is $\frac{-15}{7}$. Find the other.

Q5. What number should be added to $\frac{-7}{8}$ so as to get $\frac{5}{9}$

Q6. Anita bought $3\frac{1}{2}$ m ribbon at Rs $5\frac{3}{7}$ per metre, $4\frac{3}{4}$ m cloth at Rs $27\frac{1}{2}$ per metre. How much money did she spend?

Q7. Sunita bought $2\frac{1}{2}$ kg onion at Rs 10 per kg and $1\frac{3}{8}$ kg potato at Rs $16\frac{8}{11}$ per kg. How much money did she give to the shopkeeper?

Q8. The area of a rectangle is $26\frac{1}{4}$ m^2. If its length is $17\frac{1}{2}$ m. Find its width

ANSWERS:-

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(1) 8	(4) $\frac{-41}{7}$	(6) Rs $149\frac{5}{8}$	(Q8) $1\frac{1}{2}$ m.
(2) Rs $17\frac{1}{3}$	(5) $\frac{103}{72}$	(7) Rs 48	
(3) $\frac{4}{3}$			

Q9. Divide the sum of $-\frac{2}{3}$ and $\frac{1}{5}$ by their product

Q10. A Salwar needs $2\frac{1}{2}$ m cloth. How many Salwars can be made from $27\frac{1}{2}$ m cloth.

Q11 A man has Rs 150 with him. He bought $4\frac{1}{2}$ litres of milk at Rs 24 per litre. How much money left with him?

Q12. Anil has to cover $12\frac{1}{2}$ km distance to reach the school. If his speed is 5km/hr, how much time he will take to reach the School.?

Q13. Sum of two numbers is $7\frac{1}{2}$ and if one of them is $1\frac{1}{4}$, Find the other number

(Q14.) A boy walks $\frac{3}{3}$ km from a place Q, towards North and then from there $1\frac{3}{5}$ km towards South. Where will he be now from Q.?

Q15. Subtract $1\frac{2}{3}$ from the sum of $\frac{1}{3}$ and $\frac{1}{5}$

ANSWERS:-

(Q9) $\frac{7}{2}$	(Q12) $2\frac{1}{2}$ Hrs.	(Q15) $\frac{-17}{15}$
(Q10) 11	(Q13) $6\frac{1}{4}$	
(Q11) 42/=	(Q14) 14 km from Q	