

# Weekly Task 10<sup>th</sup> Aug - 15 Aug 2020

Class 5<sup>th</sup> Subject Math

## Exercise 3.6

Verify that:

$$Q1 \quad \frac{5 \times 6}{7 \times 11} = \frac{6 \times 5}{11 \times 7}$$

$$\text{Sol:-} \quad \frac{5 \times 6}{7 \times 11} = \frac{6 \times 5}{11 \times 7}$$
$$\frac{30}{77} = \frac{30}{77}$$

LHS = RHS Verified

$$Q2: \quad \frac{1 \times 5}{12 \times 8} = \frac{5 \times 1}{8 \times 12}$$

Sol:-

$$\frac{1 \times 5}{12 \times 8} = \frac{5 \times 1}{8 \times 12}$$
$$\frac{5}{96} = \frac{5}{96}$$

LHS = RHS Verified

$$Q3: \frac{2}{3} \times \frac{2}{7} = \frac{2}{7} \times \frac{2}{3}$$

$$\text{Sol: } \frac{2 \times 2}{3 \times 7} = \frac{2 \times 2}{7 \times 3}$$
$$\frac{4}{21} = \frac{4}{21}$$

LHS = RHS verified

$$Q4: \frac{2}{5} \times \frac{7}{9} = \frac{7}{9} \times \frac{2}{5}$$

$$\text{Sol: } \frac{7 \times 2}{5 \times 9} = \frac{7 \times 2}{9 \times 5}$$
$$\frac{14}{45} = \frac{14}{45}$$

LHS = RHS verified

$$Q5: \frac{1}{11} \times \frac{2}{4} = \frac{2}{4} \times \frac{1}{11}$$

$$\frac{2 \times 1}{11 \times 4} = \frac{2 \times 1}{4 \times 11}$$

$$\frac{2 \times 1}{1 \times 1} = \frac{1 \times 2}{1 \times 1}$$
$$\frac{2}{1} = \frac{2}{1}$$

$$2 \times 1 = 2$$

LHS = RHS verified

$$Q6:- 3 \frac{2}{3} \times \frac{1}{9} = \frac{1}{9} \times 3 \frac{2}{3}$$

$$\text{Sol:} - \frac{11}{3} \times \frac{1}{9} = \frac{1}{9} \times \frac{11}{3}$$

$$\frac{11 \times 1}{3 \times 9} = \frac{1 \times 11}{9 \times 3}$$

$$\frac{11}{27} = \frac{11}{27}$$

LHS = RHS verified

Q7:-

$$2 \frac{1}{3} \times 3 \frac{4}{5} = 3 \frac{4}{5} \times 2 \frac{1}{3}$$

$$\text{Sol:} - \frac{7}{3} \times \frac{19}{5} = \frac{19}{5} \times \frac{7}{3}$$

$$\frac{133}{15} = \frac{133}{15}$$

LHS = RHS verified

$$Q8:- 4 \frac{1}{5} \times 2 \frac{4}{5} = 2 \frac{4}{5} \times 4 \frac{1}{5}$$

$$\frac{21}{5} \times \frac{14}{5} = \frac{14}{5} \times \frac{21}{5}$$

$$\frac{21 \times 14}{5 \times 5} = \frac{14 \times 21}{5 \times 5}$$

$$\frac{294}{25} = \frac{294}{25}$$

$$\frac{294}{25} = \frac{294}{25}$$

$$25 = 25$$

LHS = RHS verified