

## Subject Enrichment Activity–MAY-2019(Mathematics) Class-VII

**Q1. Multiply and reduce to lowest form and convert into a mixed fraction:**

(i)  $\frac{5}{6} \times \frac{4}{15}$       (ii)  $3\frac{5}{6} \times 2\frac{4}{15}$       (iii)  $4\frac{5}{8} \times 2\frac{5}{6}$       (iv)  $8\frac{4}{5} \times 5\frac{6}{15}$       (v)  $\frac{3}{5} \times 6\frac{5}{9}$   
(vi)  $10\frac{3}{4} \times 3\frac{5}{16}$       (vii)  $4\frac{5}{10} \times 12\frac{5}{12}$       (viii)  $12 \times 2\frac{4}{9}$       (ix)  $10\frac{10}{11} \times 11\frac{11}{12}$       (x)  $12\frac{5}{6} \times 3\frac{12}{21}$

**Q2. Find the answer in to mixed fraction:**

(i)  $\frac{5}{6} \div \frac{4}{15}$       (ii)  $3\frac{5}{6} \div 2\frac{4}{15}$       (iii)  $4\frac{5}{8} \div 2\frac{5}{6}$       (iv)  $8\frac{4}{5} \div 5\frac{6}{15}$       (v)  $\frac{3}{5} \div 6\frac{5}{9}$   
(vi)  $10\frac{3}{4} \div 3\frac{5}{16}$       (vii)  $4\frac{5}{10} \div 12\frac{5}{12}$       (viii)  $12 \div 2\frac{4}{9}$       (ix)  $10\frac{10}{11} \div 11\frac{11}{12}$       (x)  $12\frac{5}{6} \div 3\frac{12}{21}$

**Q3. Find the product:**

(i)  $3.5 \times 8$       (ii)  $15 \times 2.5$       (iii)  $4.5 \times 12$       (iv)  $12.3 \times 12$       (v)  $6.6 \times 6$   
(vi)  $12.5 \times 12$       (vii)  $12.25 \times 5$       (viii)  $30.5 \times 30$       (ix)  $15.9 \times 8$       (x)  $3.7 \times 6$

**Q4. Find the products:**

(i)  $2.3 \times 3.2$       (ii)  $0.2 \times 0.2$       (iii)  $2.01 \times 1.1$       (iv)  $10.02 \times 1.1$       (v)  $11.02 \times 1.03$   
(vi)  $1.007 \times 1.5$       (vii)  $101.01 \times 10.1$       (viii)  $0.12 \times 0.45$       (ix)  $0.5 \times 0.008$       (x)  $100.5 \times 0.5$

**Q5. Multiply the numbers:**

(i)  $10.02 \times 100$       (ii)  $123.10 \times 10$       (iii)  $23.0258 \times 100$       (iv)  $0.1236 \times 100$       (v)  $1256.1 \times 100$   
(vi)  $12.023 \times 1000$       (vii)  $123.14 \times 100$       (viii)  $10 \times 89.11$       (ix)  $10000 \times 23.25$       (x)  $100 \times 10000$

**Q6. Simplify:**

(i)  $3.5 \div 2$       (ii)  $4.56 \div 3$       (iii)  $0.125 \div 5$       (iv)  $34.96 \div 4$       (v)  $1.1232 \div 3$   
(vi)  $123.56 \div 4$       (vii)  $64.80 \div 5$       (viii)  $21.14 \div 7$       (ix)  $15.15 \div 5$       (x)  $16.16 \div 4$

**Q7. Find:**

(i)  $2.23 \div 10$       (ii)  $3.25 \div 100$       (iii)  $231.2 \div 100$       (iv)  $235 \div 1000$       (v)  $4569.1 \div 10$   
(vi)  $23.5 \div 1000$       (vii)  $12.12 \div 100$       (viii)  $0.23 \div 100$       (ix)  $56 \div 10$       (x)  $0.02 \div 100$

**Q8. Find:**

(i)  $15 \div 0.5$       (ii)  $5.64 \div 1.6$       (iii)  $21.6 \div 1.8$       (iv)  $25.635 \div 0.15$       (v)  $33.28 \div 1.3$   
(vi)  $35.84 \div 1.4$       (vii)  $65.7 \div 1.8$       (viii)  $12.24 \div 1.2$       (ix)  $26.26 \div 1.3$       (x)  $49.17 \div 0.7$