

VI - Mathematics Assignments No-03 - Fractions.

- (Q1) Find an equivalent fraction of  $\frac{3}{5}$  with numerator as 12
- (Q2) Find an equivalent fraction of  $\frac{36}{60}$  with numeration as 12
- (Q3) Among the following set of fractions choose like or unlike fractions
- (i)  $\frac{2}{11}, \frac{4}{11}, \frac{5}{11}, \frac{7}{11}$
- (ii)  $\frac{3}{17}, \frac{5}{11}, \frac{6}{7}, \frac{13}{20}$
- (Q4) Write any three like and unlike fractions separately.
- (Q5) Choose like fractions from the following
- (i)  $\frac{1}{13}, \frac{2}{14}, \frac{3}{13}, \frac{5}{13}, \frac{6}{17}$
- (ii)  $\frac{2}{12}, \frac{5}{12}, \frac{7}{17}, \frac{9}{11}, \frac{7}{12}$
- (Q6) Write the next four like fractions
- $\frac{1}{17}, \frac{3}{17}, \frac{4}{17}, \dots$

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(Q7) Which of the following are unit fractions

$$\frac{1}{15}, \frac{15}{1}, \frac{17}{1}, \frac{1}{9}, \frac{1}{13}, \frac{7}{13}, \frac{1}{10}$$

(Q8) Which fraction in each of the following is smaller

(i)  $\frac{2}{3}$  and  $\frac{1}{3}$       (ii)  $\frac{5}{6}$  and  $\frac{1}{2}$

(iii)  $\frac{14}{15}$  and  $\frac{15}{14}$       (iv)  $\frac{7}{9}$  and  $\frac{5}{12}$

(Q9) Change  $\frac{3}{8}$  and  $\frac{5}{12}$  into equivalent fractions having same denominator  
Find the greater fraction

(Q10) Arrange the following fractions in descending order.

$$\frac{1}{2}, \frac{1}{4}, \frac{5}{6}, \frac{7}{8}, \frac{3}{4}$$

ANSWERS			
(Q1) $\frac{12}{20}$	(Q5) $\frac{1}{13}, \frac{3}{13}, \frac{5}{13}$	(Q8) $\frac{2}{3} < \frac{1}{3}$	(Q10) $\frac{7}{8}, \frac{5}{6}, \frac{3}{4}, \frac{1}{2}, \frac{1}{4}$
(Q2) $\frac{12}{20}$	(Q6) $\frac{5}{17}, \frac{6}{17}, \frac{7}{17}, \frac{8}{17}$	(i) $\frac{1}{2} < \frac{5}{6}$	
(Q3) (i) Like (ii) Unlike	(Q7) $\frac{1}{15}, \frac{1}{9}, \frac{1}{13}, \frac{1}{10}$	(ii) $\frac{14}{15} < \frac{15}{14}$	
(Q4) —		(iv) $\frac{5}{12} < \frac{7}{9}$	
		(Q9) $\frac{5}{12} > \frac{3}{8}$	