

VII- Mathematics Assignment No-01- Fractions and Decimals

Q1. Reduce $\frac{20}{25}$ in its lowest term

Q2. Reduce $\frac{125}{1000}$ in its lowest term.

Q3. Which is greater $\frac{1}{4}$ OR $\frac{1}{8}$

Q4. Which is smaller $\frac{3}{7}$ OR $\frac{1}{2}$

Q5. Arrange in ascending order

$$\frac{3}{4}, \frac{5}{6}, \frac{7}{8}, \frac{5}{12}$$

Q6. Arrange in descending order

$$\frac{3}{8}, \frac{5}{7}, \frac{3}{10}, \frac{2}{5}$$

Q7. Convert into improper fractions:

(i) $34 \frac{3}{4}$

(ii) $275 \frac{1}{5}$

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Q8.

Convert into mixed numbers:

(i) $\frac{375}{7}$

(ii) $\frac{121}{4}$

(Q9) Write 3 equivalent fractions of:

(i) $\frac{3}{7}$

(ii) $\frac{5}{8}$

(Q10) Fill the gap

(i) $\frac{7}{5} = \frac{\square}{10}$

(ii) $\frac{32}{49} = \frac{160}{\square}$

ANSWERS:

(Q1) $\frac{4}{5}$	(Q5) $\frac{5}{12}, \frac{3}{4}, \frac{5}{6}, \frac{7}{8}$	(Q8) (i) $53\frac{4}{7}$ (ii) $30\frac{7}{4}$
(Q2) $\frac{1}{8}$	(Q6) $\frac{5}{7}, \frac{2}{5}, \frac{3}{8}, \frac{3}{10}$	(Q9) (i) $\frac{6}{14}, \frac{9}{21}, \frac{12}{28}$ (ii) $\frac{10}{16}, \frac{15}{24}, \frac{20}{32}$
(Q3) $\frac{1}{4} > \frac{1}{8}$	(Q7) (i) $\frac{139}{4}$ (ii) $\frac{1376}{5}$	(Q10) (i) 14, (ii) 245.