



Grade 6

Mathematics

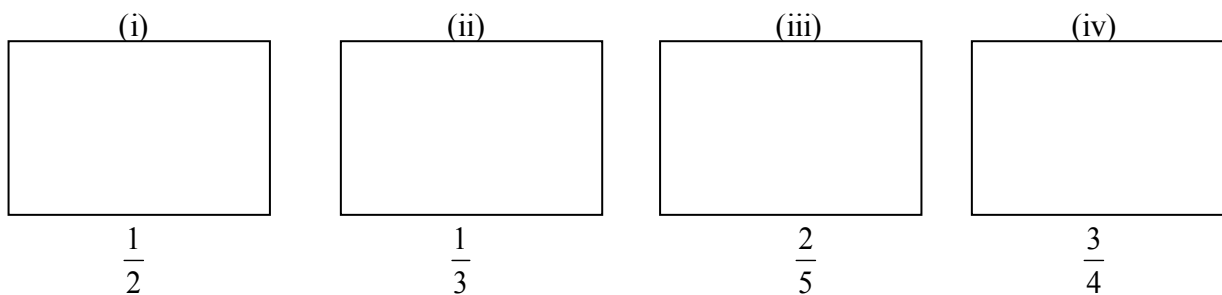
Unit : 9 – Fractions

Part I

- (1) Write a unit fraction with a denominator less than 10.
- (2) Write 3 examples for proper fractions.
- (3) Fill in the blanks.
- i) $\frac{3}{5}$ is _____ $\frac{1}{5}$ s
- ii) $\frac{6}{7}$ is _____ $\frac{1}{7}$ s
- (4) Draw a suitable figure and divide that into 8 equal parts. Colour 3 parts of it.
- (5) Write 2 equivalent fractions for $\frac{3}{5}$
- (6) Insert > or < appropriately. $\frac{5}{9}$ _____ $\frac{2}{3}$
- (7) Which fraction is the greatest? $\frac{13}{18}$, $\frac{5}{6}$, $\frac{2}{3}$
- (8) Which fraction is the lowest? $\frac{7}{12}$, $\frac{2}{3}$, $\frac{2}{4}$
- (9) Simplify $\frac{1}{4} + \frac{3}{5}$
- (10) Simplify $\frac{5}{6} - \frac{2}{3}$

Part II

- (1) Draw 4 rectangles of length 5 squares and breadth 3 squares to illustrate the following fractions. Colour the relevant portion to denote each fraction.



- (2) i) Write the denominator and numerator of $\frac{3}{5}$
 ii) Write the fraction with denominator 7 and numerator 4.
- (3) Write two equivalent fractions for each of the fractions given below.

i) $\frac{2}{7}$ ii) $\frac{4}{5}$ iii) $\frac{8}{12}$ iv) $\frac{10}{15}$

- (4) Fill in the blanks by inserting one of the symbols $<$, $>$ or $=$ appropriately.

i) $\frac{3}{7} \dots\dots \frac{5}{7}$	ii) $\frac{10}{15} \dots\dots \frac{6}{15}$	iii) $\frac{7}{9} \dots\dots \frac{5}{9}$
iv) $\frac{3}{4} \dots\dots \frac{6}{8}$	v) $\frac{4}{9} \dots\dots \frac{4}{5}$	vi) $\frac{7}{10} \dots\dots \frac{7}{12}$
vii) $\frac{2}{10} \dots\dots \frac{1}{5}$	viii) $\frac{7}{18} \dots\dots \frac{2}{3}$	

- (5) Simplify.

i) $\frac{3}{5} + \frac{1}{5}$	ii) $\frac{4}{7} + \frac{2}{7}$	iii) $\frac{1}{4} + \frac{3}{4}$	iv) $\frac{1}{9} + \frac{2}{9} + \frac{3}{9}$
v) $\frac{9}{10} - \frac{3}{10}$	vi) $\frac{5}{8} - \frac{2}{8}$	vii) $\frac{10}{13} - \frac{4}{13}$	viii) $\frac{8}{15} + \frac{3}{15} - \frac{7}{15}$
ix) $\frac{1}{4} + \frac{3}{8}$	x) $\frac{2}{7} + \frac{10}{21}$	xi) $\frac{1}{2} + \frac{3}{16}$	xii) $\frac{11}{30} + \frac{1}{3}$
xiii) $\frac{19}{20} - \frac{2}{5}$	xiv) $\frac{4}{5} - \frac{4}{10}$	xv) $\frac{1}{2} - \frac{5}{12}$	xvi) $\frac{3}{4} - \frac{7}{12}$

- (6) i) Write the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{5}{6}$ and $\frac{7}{12}$ in ascending order.
 ii) Write the fractions $\frac{8}{15}$, $\frac{11}{15}$, $\frac{2}{3}$ and $\frac{3}{5}$ in descending order.

Prepared by Ms.T. R. N. Niwanthie