

उदाहरण 9.3

(i) 2 वा 3 का लघु गुणितक

$$(ii) \frac{12}{1} \div \frac{3}{4} = \frac{12}{1} \times \frac{4}{3} = 16$$

$$(iii) \frac{14}{1} \div \frac{5}{6} = \frac{14}{1} \times \frac{6}{5} = \frac{84}{5} = 16\frac{4}{5}$$

$$(iv) 8 \div \frac{7}{3} = \frac{8}{1} \times \frac{3}{7} = \frac{24}{7} = 3\frac{3}{7}$$

$$\begin{array}{r} 3 \overline{) 24} \\ \underline{21} \\ 3 \end{array}$$

$$\begin{array}{r} 5 \overline{) 84} \\ \underline{50} \\ 34 \\ \underline{30} \\ 4 \end{array}$$

$$(2) \quad \frac{4}{1} \div \frac{8}{3} = \frac{4}{1} \times \frac{3}{8} = \frac{3}{2} = 1\frac{1}{2}$$

$$2) \frac{3}{2} \frac{1}{1}$$

$$(3) \quad 3 \div 2\frac{1}{3} = \frac{3}{1} \div \frac{7}{3} = \frac{3}{1} \times \frac{3}{7} = \frac{9}{7} = 1\frac{2}{7}$$

$$3) \frac{3}{7} \frac{1}{1}$$

$$(4) \quad 5 \div 3\frac{4}{7} = \frac{5}{1} \div \frac{25}{7} = \frac{5}{1} \times \frac{7}{25} = \frac{7}{5} = 1\frac{2}{5}$$

$$5) \frac{7}{5} \frac{1}{1}$$

$$(5) \quad (i) \quad \frac{3}{7} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{7}{3}$$

$$(ii) \quad \frac{5}{8} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{8}{5}$$

$$(iii) \quad \frac{9}{7} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{7}{9}$$

$$(iv) \quad \frac{6}{5} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{5}{6}$$

$$(v) \quad \frac{12}{7} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{7}{12}$$

$$(vi) \quad \frac{1}{8} \text{ ರ ಪುಟ್ರಾಂಕು } \frac{8}{1}$$

$$(vii) \quad \frac{1}{11} \text{ ರ ಪುಟ್ರಾಂಕು } = \frac{11}{1}$$

ಪುಟ್ರಾಂಕುಗಳನ್ನು

ಸಮಭಿನ್ನರಾಗಿಸಲು :- $\frac{7}{9}, \frac{5}{6}, \frac{7}{12}$,

ವಿಭೇದ ಭಿನ್ನರಾಗಿಸಲು :- $\frac{7}{3}, \frac{8}{5}$,

ಪೂರ್ಣಾಂಕಗಳು = $\frac{8}{1}, \frac{11}{1}, 8, 11$

(3) ಇವುಗಳ ಇತರ ಕಂಡುಹಿಡಿಯಿರಿ.

$$(i) \quad \frac{7}{3} \div \frac{2}{1}$$

$$(ii) \quad \frac{4}{9} \div \frac{5}{1}$$

$$(iii) \quad \frac{6}{13} \div \frac{7}{1}$$

$$= \frac{7}{3} \times \frac{1}{2}$$

$$= \frac{4}{9} \times \frac{1}{5}$$

$$= \frac{6}{13} \times \frac{1}{7}$$

$$= \frac{7}{6}$$

$$= \frac{4}{45}$$

$$= \frac{6}{91}$$

$$\textcircled{\text{iv}} \quad 4\frac{1}{3} \div \frac{2}{1}$$

$$= \frac{13}{3} \times \frac{1}{3}$$

$$= \frac{13}{9}$$

$$= 1\frac{4}{9}$$

$$\begin{array}{r} 9 \overline{)13} (1 \\ \underline{9} \\ 4 \end{array}$$

$$\textcircled{\text{ii}} \quad 3\frac{1}{2} \div \frac{4}{1}$$

$$= \frac{7}{2} \times \frac{1}{4}$$

$$= \frac{7}{8}$$

$$\textcircled{\text{vi}} \quad 4\frac{3}{7} \div \frac{1}{7}$$

$$= \frac{31}{7} \times \frac{1}{7}$$

$$= \frac{31}{49}$$

4) ಐವತ್ತೇ 25ನೇ ಕಂಡುಬಂದಿಲ್ಲ

$$\textcircled{\text{i}} \quad \frac{2}{5} \div \frac{1}{2}$$

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

$$= \frac{4}{5}$$

$$\textcircled{\text{ii}} \quad \frac{4}{9} \div \frac{2}{3}$$

$$= \frac{4}{9} \times \frac{3}{2}$$

$$= \frac{2}{3}$$

$$\textcircled{\text{iii}} \quad \frac{3}{7} \div \frac{8}{7}$$

$$= \frac{3}{7} \times \frac{7}{8}$$

$$= \frac{3}{8}$$

$$\textcircled{\text{iv}} \quad 2\frac{1}{3} \div \frac{3}{5}$$

$$= \frac{7}{3} \times \frac{5}{3}$$

$$= \frac{35}{9}$$

$$= 3\frac{8}{9}$$

$$\begin{array}{r} 9 \overline{)35} (3 \\ \underline{27} \\ 08 \end{array}$$

$$\textcircled{\text{v}} \quad 3\frac{1}{2} \div \frac{8}{3}$$

$$= \frac{7}{2} \times \frac{3}{8}$$

$$= \frac{21}{16}$$

$$= 1\frac{5}{16}$$

$$\begin{array}{r} 16 \overline{)21} (1 \\ \underline{16} \\ 05 \end{array}$$

$$\textcircled{\text{vi}} \quad 4\frac{3}{7} \div 7$$

$$= \frac{31}{7} \times \frac{1}{7}$$

$$= \frac{31}{49}$$

$$\textcircled{\text{vi}} \quad \frac{2}{5} \div 1\frac{1}{2}$$

$$= \frac{2}{5} \div \frac{3}{2}$$

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

$$= \frac{4}{15}$$

$$\textcircled{\text{vii}} \quad 3\frac{1}{5} \div 1\frac{2}{3}$$

$$= \frac{16}{5} \div \frac{5}{3}$$

$$= \frac{16}{5} \times \frac{3}{5}$$

$$= \frac{48}{25}$$

$$= 1\frac{23}{25}$$

$$\begin{array}{r} 25 \overline{) 48} \\ \underline{25} \\ 23 \end{array}$$

$$\textcircled{\text{viii}} \quad 2\frac{1}{5} \div 1\frac{1}{5}$$

$$= \frac{11}{5} \div \frac{6}{5}$$

$$= \frac{11}{5} \times \frac{5}{6}$$

$$= \frac{11}{6} = 1\frac{5}{6}$$

$$\begin{array}{r} 6 \overline{) 11} \\ \underline{6} \\ 5 \end{array}$$

ಉತ್ತರ 2.4

① ಸಂಕಲನ

$$\textcircled{\text{i}} \quad \begin{array}{r} 0.2 \times 6 \\ \hline 1.2 \end{array}$$

$$\textcircled{\text{ii}} \quad \begin{array}{r} 8 \times 4.6 \\ \hline 4.6 \times 8 \\ \hline 36.8 \end{array}$$

$$\textcircled{\text{iii}} \quad \begin{array}{r} 2.71 \times 5 \\ \hline 13.55 \end{array}$$

$$\textcircled{\text{iv}} \quad \begin{array}{r} 20.1 \times 4 \\ \hline 80.4 \end{array}$$

$$\textcircled{\text{v}} \quad \begin{array}{r} 0.35 \times 7 \\ \hline 0.35 \end{array}$$

$$\textcircled{\text{vi}} \quad \begin{array}{r} 211.02 \times 4 \\ \hline 844.08 \end{array}$$

$$\textcircled{\text{vii}} \quad 2 \times 0.86 :- \quad \begin{array}{r} 0.86 \times 2 \\ \hline 1.72 \end{array}$$