FRACTION ARITHMETIC

ADDITION [STAGE THREE]

NO CALCULATOR

Ref: G155. 1E3

A1 Find the missing numbers:

$\frac{1}{3}+\frac{1}{\square}=\frac{\square}{24}+\frac{3}{24}$

$=\frac{11}{\square}$

A2 Find the missing numbers:

$\frac{1}{\square}+\frac{3}{4}=\frac{4}{28}+\frac{\square}{28}$

$=\frac{\square}{28}$

A3 Find the missing numbers:

$\frac{1}{\square}+\frac{\square}{5}=\frac{\square}{10}+\frac{6}{10}$

$=\frac{\square}{10}$ $=1\frac{1}{10}$

A4 Find the missing numbers:

$\frac{\square}{\square}+\frac{4}{5}=\frac{\square}{15}+\frac{12}{\square}$

$=\frac{\square}{15}$ $=1\frac{7}{15}$

B1 Find the missing denominators:

$\frac{1}{\square}+\frac{2}{\square}=\frac{7}{\square}+\frac{6}{\square}$

$=\frac{13}{21}$

B2 Find the missing numbers:

$\frac{1}{\square}+\frac{4}{\square}=\frac{7}{\square}+\frac{8}{\square}$

$=\frac{\square}{14}$ $=1\frac{1}{14}$

B3 Find the missing denominators:

$\frac{5}{\square}+\frac{1}{\square}=\frac{25}{\square}+\frac{6}{\square}$

$=\frac{31}{\square}$ $=1\frac{1}{\square}$

B4 Find the missing numbers:

$\frac{2}{\square}+\frac{\square}{\square}=\frac{\square}{21}+\frac{15}{21}$

$=\frac{\square}{21}$ $=1\frac{8}{\square}$

C1 Find the missing numerators:

$\frac{\square}{3}+\frac{\square}{5}=\frac{\square}{15}+\frac{\square}{15}$

$=\frac{13}{15}$

C2 Find the missing numbers:

$\frac{\square}{4}+\frac{\square}{7}=\frac{\square}{28}+\frac{\square}{28}$

$=\frac{\square}{28}$ $=1\frac{17}{28}$

C3 Find the missing numbers:

$\frac{3}{\square}+\frac{1}{\square}=\frac{12}{\square}+\frac{\square}{\square}$

$=\frac{19}{\square}$

C4 Find the missing numbers:

$\frac{3}{\square}+\frac{\square}{5}=\frac{15}{\square}+\frac{8}{\square}$

$=\frac{23}{\square}$ $=1\frac{3}{\square}$

D1 Find the missing numbers:

$\frac{1}{2}+\frac{\square}{\square}+\frac{2}{5}=\frac{\square}{6}+\frac{2}{5}$

$=\frac{\square}{30}$ $=1\frac{17}{30}$

D2 Find the missing numbers:

$\frac{3}{4}+\frac{\square}{\square}+\frac{1}{3}=\frac{\square}{\square}+\frac{1}{3}$

$=\frac{101}{\square}$ $=1\frac{41}{\square}$

D3 Find the missing numbers:

$\frac{2}{3}+\frac{\square}{\square}+\frac{\square}{4}=\frac{2}{3}+\frac{\square}{20}$

$=\frac{109}{\square}$ $=1\frac{49}{\square}$

D4 Find the missing numbers:

$\frac{4}{5}+\frac{\square}{\square}+\frac{1}{\square}=\frac{4}{5}+\frac{\square}{6}$

$=\frac{\square}{30}$ $=1\frac{29}{30}$

FRACTION ARITHMETIC

ADDITION [STAGE THREE]

NO CALCULATOR

Ref: G155. 1E3

A1 Find the missing numbers:

$\frac{1}{3}+\frac{1}{\boxed{8}}=\frac{\boxed{8}}{24}+\frac{3}{24}$

$=\frac{11}{24}$

A2 Find the missing numbers:

$\frac{1}{\boxed{7}}+\frac{3}{4}=\frac{4}{28}+\frac{21}{28}$

$=\frac{25}{28}$

A3 Find the missing numbers:

$\frac{1}{\boxed{2}}+\frac{\boxed{3}}{5}=\frac{\boxed{5}}{10}+\frac{6}{10}$

$=\frac{11}{10}$ $=1\frac{1}{10}$

A4 Find the missing numbers:

$\frac{\boxed{2}}{\boxed{3}}+\frac{4}{5}=\frac{10}{15}+\frac{12}{15}$

$=\frac{22}{15}$ $=1\frac{7}{15}$

B1 Find the missing denominators:

$\frac{1}{\boxed{3}}+\frac{2}{\boxed{7}}=\frac{7}{21}+\frac{6}{21}$

$=\frac{13}{21}$

B2 Find the missing numbers:

$\frac{1}{\boxed{2}}+\frac{4}{\boxed{7}}=\frac{7}{14}+\frac{8}{14}$

$=\frac{15}{14}$ $=1\frac{1}{14}$

B3 Find the missing denominators:

$\frac{5}{\boxed{6}}+\frac{1}{\boxed{5}}=\frac{25}{30}+\frac{6}{30}$

$=\frac{31}{30}$ $=1\frac{1}{30}$

B4 Find the missing numbers:

$\frac{2}{\boxed{3}}+\frac{\boxed{5}}{\boxed{7}}=\frac{14}{21}+\frac{15}{21}$

$=\frac{29}{21}$ $=1\frac{8}{21}$

C1 Find the missing numerators:

$\frac{\boxed{2}}{3}+\frac{\boxed{1}}{5}=\frac{10}{15}+\frac{\boxed{3}}{15}$

$=\frac{13}{15}$

C2 Find the missing numbers:

$\frac{\boxed{3}}{4}+\frac{\boxed{6}}{7}=\frac{21}{28}+\frac{24}{28}$

$=\frac{45}{28}$ $=1\frac{17}{28}$

C3 Find the missing numbers:

$\frac{3}{\boxed{7}}+\frac{1}{\boxed{4}}=\frac{12}{28}+\frac{\boxed{7}}{28}$

$=\frac{19}{28}$

C4 Find the missing numbers:

$\frac{3}{\boxed{4}}+\frac{\boxed{2}}{5}=\frac{15}{20}+\frac{8}{20}$

$=\frac{23}{20}$ $=1\frac{3}{20}$

D1 Find the missing numbers:

$\frac{1}{2}+\frac{\boxed{2}}{\boxed{3}}+\frac{2}{5}=\frac{\boxed{7}}{6}+\frac{2}{5}$

$=\frac{47}{30}$ $=1\frac{17}{30}$

D2 Find the missing numbers:

$\frac{3}{4}+\frac{\boxed{3}}{\boxed{5}}+\frac{1}{3}=\frac{27}{20}+\frac{1}{3}$

$=\frac{101}{60}$ $=1\frac{41}{60}$

D3 Find the missing numbers:

$\frac{2}{3}+\frac{\boxed{2}}{\boxed{5}}+\frac{\boxed{3}}{4}=\frac{2}{3}+\frac{23}{20}$

$=\frac{109}{60}$ $=1\frac{49}{60}$

D4 Find the missing numbers:

$\frac{4}{5}+\frac{\boxed{2}}{\boxed{3}}+\frac{1}{\boxed{2}}=\frac{4}{5}+\frac{\boxed{7}}{6}$

$=\frac{59}{30}$ $=1\frac{29}{30}$