



## FRACTION ARITHMETIC

### ADDITION [STAGE ONE]

## NO CALCULATOR

Ref: G155. **1E1**

<b>A1</b> Find the missing numerator: $\frac{\square}{7} + \frac{1}{7} = \frac{6}{7}$	<b>A2</b> Find the missing numerator: $\frac{2}{5} + \frac{\square}{5} = \frac{4}{5}$	<b>A3</b> Find the missing numerators: $\frac{\square}{9} + \frac{\square}{9} = \frac{2}{9}$	<b>A4</b> Find the missing numerator: $\frac{2}{7} + \frac{1}{7} + \frac{\square}{7} = \frac{5}{7}$
<b>B1</b> Find the missing numerator: $\frac{1}{4} + \frac{\square}{4} = \frac{1}{2}$	<b>B2</b> Find the missing numerator: $\frac{\square}{8} + \frac{3}{8} = \frac{1}{2}$	<b>B3</b> Find the missing numerator: $\frac{\square}{8} + \frac{3}{8} = \frac{3}{4}$	<b>B4</b> Find the missing numerator: $\frac{1}{10} + \frac{1}{10} + \frac{\square}{10} = \frac{1}{2}$
<b>C1</b> Find the missing denominators: $\frac{2}{\square} + \frac{4}{\square} = \frac{3}{5}$	<b>C2</b> Find the missing denominators: $\frac{1}{\square} + \frac{2}{\square} = \frac{1}{2}$	<b>C3</b> Find the missing numbers: $\frac{7}{\square} + \frac{3}{\square} = \frac{2}{3}$	<b>C4</b> Find the missing denominators: $\frac{1}{\square} + \frac{4}{\square} + \frac{1}{\square} = \frac{1}{3}$
<b>D1</b> Find the missing numerators: $\frac{\square}{9} + \frac{\square}{9} = \frac{1}{3}$	<b>D2</b> Find the missing numbers: $\frac{\square}{10} + \frac{3}{\square} = \frac{1}{2}$	<b>D3</b> Find the missing numbers: $\frac{5}{\square} + \frac{3}{14} = \frac{\square}{7}$	<b>D4</b> Find the missing numbers: $\frac{5}{\square} + \frac{4}{21} + \frac{\square}{\square} = \frac{2}{3}$



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<p><b>A1</b> Find the missing numerator:</p> $\frac{\boxed{5}}{7} + \frac{1}{7} = \frac{6}{7}$	<p><b>A2</b> Find the missing numerator:</p> $\frac{2}{5} + \frac{\boxed{2}}{5} = \frac{4}{5}$	<p><b>A3</b> Find the missing numerators:</p> $\frac{\boxed{1}}{9} + \frac{\boxed{1}}{9} = \frac{2}{9}$	<p><b>A4</b> Find the missing numerator:</p> $\frac{2}{7} + \frac{1}{7} + \frac{\boxed{2}}{7} = \frac{5}{7}$
<p><b>B1</b> Find the missing numerator:</p> $\frac{1}{4} + \frac{\boxed{1}}{4} = \frac{1}{2}$ <p style="text-align: right;"> <math>\frac{2}{4}</math></p>	<p><b>B2</b> Find the missing numerator:</p> $\frac{\boxed{1}}{8} + \frac{3}{8} = \frac{1}{2}$ <p style="text-align: right;"> <math>\frac{4}{8}</math></p>	<p><b>B3</b> Find the missing numerator:</p> $\frac{\boxed{3}}{8} + \frac{3}{8} = \frac{3}{4}$ <p style="text-align: right;"> <math>\frac{6}{8}</math></p>	<p><b>B4</b> Find the missing numerator:</p> $\frac{1}{10} + \frac{1}{10} + \frac{\boxed{3}}{10} = \frac{1}{2}$ <p style="text-align: right;"> <math>\frac{5}{10}</math></p>
<p><b>C1</b> Find the missing denominators:</p> $\frac{2}{\boxed{10}} + \frac{4}{\boxed{10}} = \frac{3}{5}$ <p style="text-align: right;"> <math>\frac{6}{10}</math></p>	<p><b>C2</b> Find the missing denominators:</p> $\frac{1}{\boxed{6}} + \frac{2}{\boxed{6}} = \frac{1}{2}$ <p style="text-align: right;"> <math>\frac{3}{6}</math></p>	<p><b>C3</b> Find the missing numbers:</p> $\frac{7}{\boxed{15}} + \frac{3}{\boxed{15}} = \frac{2}{3}$ <p style="text-align: right;"> <math>\frac{10}{15}</math></p>	<p><b>C4</b> Find the missing denominators:</p> $\frac{1}{\boxed{18}} + \frac{4}{\boxed{18}} + \frac{1}{\boxed{18}} = \frac{1}{3}$ <p style="text-align: right;"> <math>\frac{6}{18}</math></p>
<p><b>D1</b> Find the missing numerators:</p> $\frac{\boxed{1}}{9} + \frac{\boxed{2}}{9} = \frac{1}{3}$ <p style="text-align: right;"> <math>\frac{3}{9}</math></p>	<p><b>D2</b> Find the missing numbers:</p> $\frac{\boxed{2}}{10} + \frac{3}{\boxed{10}} = \frac{1}{2}$ <p style="text-align: right;"> <math>\frac{5}{10}</math></p>	<p><b>D3</b> Find the missing numbers:</p> $\frac{5}{\boxed{14}} + \frac{3}{\boxed{14}} = \frac{\boxed{4}}{7}$ <p style="text-align: right;"> <math>\frac{8}{14}</math></p>	<p><b>D4</b> Find the missing numbers:</p> $\frac{5}{\boxed{21}} + \frac{4}{\boxed{21}} + \frac{\boxed{5}}{\boxed{21}} = \frac{2}{3}$ <p style="text-align: right;"> <math>\frac{14}{21}</math></p>