

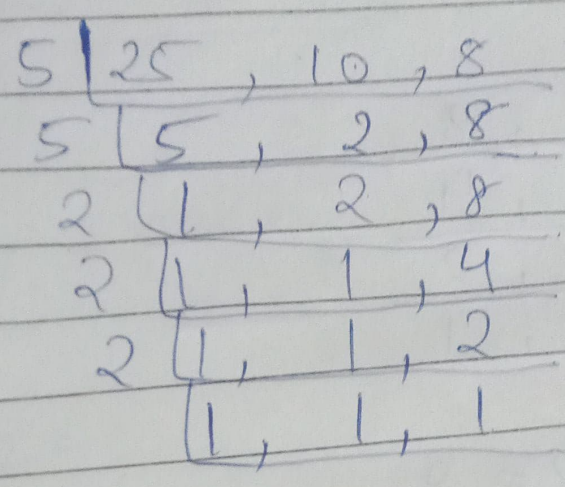
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Homework

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$$b) \frac{16}{25} + \frac{9}{10} + \frac{3}{8}$$

Sol - L.C.M. of 25, 10, 8.



$$5 \times 5 \times 2 \times 2 \times 2 = 200$$

$$\frac{16 \times 8 + 9 \times 20 + 3 \times 25}{200} = \frac{128 + 180 + 75}{200}$$

$$\frac{383}{200}$$

$$g) \quad 1\frac{1}{4} + 3\frac{3}{8}$$

Sol- ~~4x~~ $\frac{5}{4} + \frac{27}{8}$

$$\begin{array}{r} 2 \overline{) 4, 8} \\ 2 \overline{) 2, 4} \\ 2 \overline{) 1, 2} \\ 1, 1 \end{array}$$

$$2 \times 2 \times 2 = 8$$

$$\frac{5 \times 2 + 27 \times 1}{8} = \frac{10 + 27}{8}$$

$$\frac{37}{8}$$

h) $3\frac{1}{3} + 7\frac{5}{6} + 5\frac{1}{2}$

bc- $\frac{10}{3} + \frac{47}{6} + \frac{11}{2}$

$$\begin{array}{l} 3 \mid 3, 6, 2 \\ 2 \mid 1, 2, 2 \\ \quad \mid 1, 1, 1 \end{array}$$

$3 \times 2 = 6$

$\frac{10 \times 2 + 47 \times 1 + 11 \times 3}{6} = \frac{20 + 47 + 33}{6}$

$\frac{100}{6}$

$$i) \frac{65}{14} + \frac{20}{1} + \frac{73}{7} + \frac{87}{12}$$

$$\text{Sol} - \frac{89}{14} + \frac{20}{1} + \frac{52}{7} + \frac{103}{12}$$

$$\begin{array}{l} 2 \sqrt{14, 7, 12} \\ 7 \sqrt{7, 7, 6} \\ \quad \sqrt{1, 1, 6} \end{array}$$

$$2 \times 7 \times 6 = 84$$

$$\frac{89 \times 6 + 20 \times 84 + 52 \times 12 + 103 \times 7}{84}$$

$$= \frac{534 + 1680 + 624 + 721}{84} = \frac{3559}{84}$$

$$\frac{3559}{84}$$