

60

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

$$h) 10\frac{1}{4} + 6\frac{3}{8} - \frac{15}{1} + 1\frac{1}{2}$$

$$= \frac{41}{4} + \frac{51}{8} - \frac{15}{1} + \frac{1}{2}$$

$$= \frac{41 \cdot 2}{4} + \frac{51}{8} + \frac{3}{2} - \frac{15}{1}$$

$$= \frac{82 + 51 + 12 - 120}{8}$$

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$$= \frac{25}{8} = 3\frac{1}{8}$$

$$i) 25 - 20\frac{1}{2} + 15\frac{3}{5} - 5$$

$$= \frac{25}{1} + \frac{78}{5} - \frac{41}{2} - \frac{5}{1}$$

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$$\underline{\text{L.C.M.} = 10}$$

$$= \frac{25 \times 10 + 78 \times 2 - 41 \times 5 - 5 \times 10}{10}$$

$$= \frac{250 + 156 - 205 - 50}{10}$$

$$= \frac{406 - 255}{10} = \frac{151}{10} = 15 \frac{1}{10}$$

$$i) \frac{9}{14} - 1 \frac{2}{7} + 4 \frac{3}{7} - 1 \frac{2}{21}$$

$$= \frac{9}{14} + \frac{31}{7} - \frac{9}{7} - \frac{23}{21} \quad \underline{\text{L.C.M.} = 42}$$

$$= \frac{9 \times 3 + 31 \times 6 - 9 \times 6 - 23 \times 2}{42}$$

$$= \frac{27 + 186 - 54 - 46}{42}$$

$$= \frac{213 - 100}{42} = \frac{113}{42} = 2 \frac{29}{42}$$