g) $5\frac{5}{12} - \frac{6}{1} + \frac{8}{1} - 5\frac{3}{5} = \frac{65}{12} - \frac{6}{1} + \frac{8}{1} - \frac{28}{5}$

LCM = 60

$$\frac{65}{12} - \frac{6}{1} + \frac{8}{1} - \frac{28}{5} = \frac{325 - 360 + 480 - 336}{60}$$

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

h) $10\frac{1}{4} + 6\frac{3}{8} - \frac{15}{1} + 1\frac{1}{2} = \frac{41}{4} + \frac{51}{8} - \frac{15}{1} + \frac{3}{2}$

LCM = 8

$\frac{41}{4} + \frac{51}{8} - \frac{5}{1} + \frac{3}{2} = \frac{82+51-40+12}{8} = \frac{145-40}{8} = \frac{105}{8}$

$= \frac{105}{8} = \frac{133-52}{8} = \frac{81}{8} = 13\frac{1}{8}$

f) $10\frac{5}{6} - 7\frac{2}{3} + 8\frac{1}{3} = 5\frac{1}{2}$

$= \frac{65}{6} - \frac{23}{3} + \frac{25}{3} - \frac{11}{2}$

LCM = 6

$\frac{65}{6} - \frac{23}{3} + \frac{25}{3} - \frac{11}{2} = \frac{65-46+50-33}{6}$

$= \frac{(65+50)-(46+33)}{6} = \frac{115-79}{6}$

$= \frac{36}{6} = \frac{6}{1}$

i) $\frac{25}{1} - 20\frac{1}{2} + 15\frac{3}{5} - \frac{5}{1} - \frac{25}{1} - \frac{41}{2} + \frac{78}{5} = \frac{5}{1}$

LCM = 10

$$\frac{25}{1} - \frac{41}{2} + \frac{78}{5} - \frac{5}{1} = \frac{250 - 205 + 156 - 50}{10}$$

$$= \frac{45 + 106}{10} = \frac{151}{10} = 15\frac{1}{10}$$

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

$$= \frac{9}{14} - \frac{9}{7} + \frac{31}{7} - \frac{23}{21}$$

Lcm of 14, 7, 7, 21 = 42

2	2, 1, 1, 3
3	1, 1, 1, 3
	1, 1, 1, 1

$7 \times 2 \times 3 = 42$

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

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

$$= \frac{213 - 100}{42} = \frac{113}{42} = 9\frac{29}{42}$$