HW
29/202

EX 9.B

2.(h) $6\frac{3}{17} - \frac{4}{1}$ LCM = 17 X 1 = 17

$= \frac{105}{17} - \frac{4}{1}$

$= \frac{105 \times 1 - 4 \times 17}{17}$

$= \frac{105 - 68}{17}$

$= \frac{37}{17}$

(i) $30\frac{3}{4} - \frac{25}{1}$ LCM = 4 X 1 = 4

$= \frac{123}{4} - \frac{25}{1}$

$= \frac{123 \times 1 - 25 \times 4}{4}$

$= \frac{123 - 100}{4}$

$= \frac{23}{4}$

(j) $20\frac{7}{12} - \frac{15}{1}$ LCM = 12 X 1 = 12

$= \frac{247}{12} - \frac{15}{1}$

$= \frac{247 \times 1 - 15 \times 12}{12}$

$= \frac{247 - 180}{12}$

$= \frac{67}{12}$

(K) $12\frac{7}{8} - 11\frac{1}{2}$

$= \frac{103}{8} - \frac{23}{2}$

$= \frac{103 \times 1 - 23 \times 4}{8}$

$= \frac{103 - 92}{8}$

$= \frac{11}{8}$

2	8, 2
2	4, 1
2	2, 1
	1, 1

LCM = 8

(L) $100\frac{1}{4} - \frac{99}{1}$ LCM = 4 X 1 = 4

$= \frac{401}{4} - \frac{99}{1}$

$= \frac{401 \times 1 - 99 \times 4}{4}$

$= \frac{401 - 396}{4}$

$= \frac{5}{4}$