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1. Cari nilai x & $y \rightarrow 4x + 12y = 28$

$4x + 12y = 28 \ (\div 4) \rightarrow x = 7 - 3y$

#masukin nilai y ke per.x

$y = 0 \rightarrow x = 7 - 3(0)$
$= 7$ $\Big\}$ $(x, y) = (7, 0)$

$y = 1 \rightarrow x = 7 - 3(1)$
$= 4$ $\Big\}$ $(x, y) = (4, 1)$

$y = 2 \rightarrow x = 7 - 3(2)$
$= 1$ $\Big\}$ $(x, y) = (1, 2)$

• Hasil akhir $= (x, y) \rightarrow (7, 0), (4, 1), (1, 2)$

2. Cari nilai x & $y \rightarrow 2x + y = 21$

$y = 21 - 2x$

#masukkan nilai

$x = 0 \rightarrow y = 21 - 2(0)$
$= 21$ $\Big\}$ $(x, y) = (0, 21)$

$x = 5 \rightarrow y = 21 - 2(5)$
$= 11$ $\Big\}$ $(x, y) = (5, 11)$

$x = 8 \rightarrow y = 21 - 2(8)$
$= 5$ $\Big\}$ $(x, y) = (8, 5)$

$x = 10 \rightarrow y = 21 - 2(10)$
$= 1$ $\Big\}$ $(x, y) = (10, 1)$

Hasil akhir $\rightarrow (0, 21), (5, 11), (8, 5), (10, 1)$

(3.) dik : L = jam Lisa $\Big\}$ L + M = 16

M = jam Muri

L = 16 − M → jumlah jam L & M   (1)

3L + 4M = 55 → jumlah tas L & M   (2)

Subtitusi

3(16 − M) + 4M = 55	L = 16 − M
48 − 3M + 4M = 55	L = 16 − 7
48 + M = 55	$\boxed{L = 9}$
M = 55 − 48	
$\boxed{M = 7}$	

Jadi jam kerja mereka masing - masing adalah:

• L = Lisa bekerja 9 jam $\Big\}$ 16 jam

• M = Muri bekerja 7 jam

Total tas = (3 × L + 4 × M)

• Lisa = 3 × 9 = 27 tas $\Big\}$ 55 tas

• Muri = 4 × 7 = 28 tas