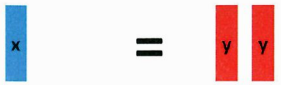
1



$\underbrace{2 \cdot x}_{2 \cdot x} = 3 \cdot y + 5$

$x = 2 \cdot y + 1 \quad | \cdot 2$

$\underbrace{2 \cdot x}_{} = 4 \cdot y + 2$

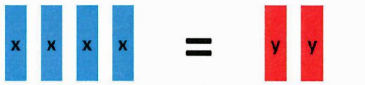
$\Rightarrow \quad 3 \cdot y + 5 = 4 \cdot y + 2 \quad | -3 \cdot y$

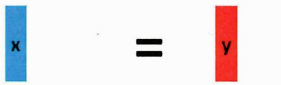
$5 = y + 2 \quad | -2$

$3 = y$

$\Rightarrow \quad x = 7$

2





$4 \cdot x + 2 = \underbrace{2 \cdot y}_{}$

$x + 6 = y \quad | \cdot 2$

$2 \cdot x + 12 = \underbrace{2 \cdot y}_{}$

$\Rightarrow \quad 4 \cdot x + 2 = 2 \cdot x + 12 \quad | -2 \cdot x$

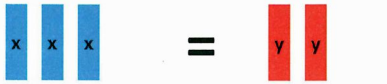
$2 \cdot x + 2 = 12 \quad | -2$

$2 \cdot x = 10 \quad | : 2$

$x = 5$

$\Rightarrow \quad y = 11$

3



$3 \cdot x = \underbrace{2 \cdot y + 8}_{}$

$2 \cdot x = 2 \cdot y + 2 \quad | +6$

$2 \cdot x + 6 = \underbrace{2 \cdot y + 8}_{}$

$\Rightarrow \quad 3 \cdot x = 2 \cdot x + 6 \quad | -2 \cdot x$

$x = 6$

$\Rightarrow \quad y = 5$

4

$2 \cdot x + 10 = 3 \cdot y \quad | \cdot 2$

$3 \cdot x = 2 \cdot y \quad | \cdot 3$

$4 \cdot x + 20 = \underbrace{6 \cdot y}_{}$

$9 \cdot x = \underbrace{6 \cdot y}_{}$

$\Rightarrow \quad 4 \cdot x + 20 = 9 \cdot x \quad | -4 \cdot x$

$20 = 5 \cdot x \quad | : 5$

$4 = x$

$\Rightarrow \quad y = 6$

5

II IIII

$y+2 = x \quad |+4$

$y+6 = (x+4)$

$x+4 = 2\cdot y$

$\Rightarrow \quad y+6 = 2\cdot y \quad |-y$

$6 = y$

$\Rightarrow \quad x = 8$

6

III IIII

$x = y+3 \quad |+4$

$(x+4) = y+7$

$x+4 = 2\cdot y$

$\Rightarrow \quad y+7 = 2\cdot y \quad |-y$

$7 = y$

$\Rightarrow \quad x = 10$

7

II IIII

$3\cdot x + 2 = 4\cdot y \quad |\cdot 3$

$9\cdot x + 6 = (12\cdot y)$

$2\cdot x+4 = 3\cdot y \quad |\cdot 4$

$8\cdot x + 16 = (12\cdot y)$

$\Rightarrow \quad 9\cdot x + 6 = 8\cdot x + 16 \quad |-8\cdot x$

$x + 6 = 16 \quad |-6$

$x = 10$

$\Rightarrow \quad y = 8$

8

IIIIIIIII I

$3\cdot y + 9 = (6\cdot x)$

$2\cdot y+1 = 3\cdot x \quad |\cdot 2$

$4\cdot y+2 = (6\cdot x)$

$\Rightarrow \quad 3\cdot y + 9 = 4\cdot y+2 \quad |-3\cdot y$

$9 = y+2 \quad |-2$

$7 = y$

$\Rightarrow \quad x = 5$