

$$tx+2y+2z=3t$$

$$sx+2y+2z=3s$$


$\cdot(-1)$

$\Leftrightarrow$


$$tx+2y+2z=3t$$

$$(t-s)x=3(t-s)$$

$\Leftrightarrow$


$$tx+2y+2z=3t$$

$$x=3$$