

VIII - Ch 2 Linear Equations in one Variable Ex 2.5

NCERT Solutions by Dev Anoop (Bathinda)

$$\textcircled{7} \quad 3(t-3) = 5(2t+1)$$

$$\Rightarrow 3t - 9 = 10t + 5$$

$$\Rightarrow 3t - 10t = 5 + 9$$

$$\Rightarrow -7t = 14$$

$$\Rightarrow t = \frac{14}{-7} \quad 2$$

$$\Rightarrow t = -2$$

$$\textcircled{8} \quad 15(y-4) - 2(y-9) + 5(y+6) = 0$$

$$\Rightarrow 15y - 60 - 2y + 18 + 5y + 30 = 0$$

$$\Rightarrow 18y - 12 = 0$$

$$\Rightarrow 18y = 12$$

$$\Rightarrow y = \frac{12}{18} \quad 2$$

$$\Rightarrow y = \frac{2}{3} \quad 3$$

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