⑤ $\dfrac{3t-2}{4} - \dfrac{2t+3}{3} = \dfrac{2}{3} - t$

$(\times 12)$ $\dfrac{3t-2}{4} \times \overset{3}{12} - \dfrac{2t+3}{3} \times \overset{4}{12} = \dfrac{2}{3} \times \overset{4}{12} - 12t$

$\Rightarrow 9t - 6 - 8t - 12 = 8 - 12t$

$\Rightarrow t - 18 = 8 - 12t$

$\Rightarrow t + 12t = 8 + 18$

$\Rightarrow 13t = 26$

$\Rightarrow t = \dfrac{\overset{2}{26}}{13}$

$\Rightarrow t = 2$

⑥ $m - \dfrac{m-1}{2} = 1 - \dfrac{m-2}{3}$

$(\times 6)$ $6m - \dfrac{m-1}{2} \times \overset{3}{6} = 6 - \dfrac{m-2}{3} \times \overset{2}{6}$

$\Rightarrow 6m - 3m + 3 = 6 - 2m + 4$

$\Rightarrow 3m + 3 = 10 - 2m$

$\Rightarrow 3m + 2m = 10 - 3$

$\Rightarrow 5m = 7$

$\Rightarrow m = \dfrac{7}{5}$