Simplify and solve the following linear equations.

7. $3(t-3) = 5(2t+1)$ **8.** $15(y-4) -2(y-9) + 5(y+6) = 0$

9. $3(5z-7) - 2(9z-11) = 4(8z-13) - 17$

10. $0.25(4f-3) = 0.05(10f-9)$

5. $\dfrac{3t-2}{4} - \dfrac{2t+3}{3} = \dfrac{2}{3} - t$ **6.** $m - \dfrac{m-1}{2} = 1 - \dfrac{m-2}{3}$

70. $0.25(4x - 5) = 0.75x + 8$

71. $\dfrac{9 - 3y}{1 - 9y} = \dfrac{8}{5}$

72. $\dfrac{3x + 2}{2x - 3} = -\dfrac{3}{4}$