

Correct. Add the first and second equations: $2e + f = 1$

Add the first and third equations: $-2e - 4f = 8$

Add these two new equations: $-3f = 9$, so $f = -3$

Substitute this into the first new equation: $2e - 3 = 1$, so $e = 2$.

Substitute e and f into the first original equation: $4d - 6 - 6 = 4$, so $d = 4$

Check the values of e , d , and f in all three original equations.