



$a*x^2+b*x+c=2^x$ where $x=\{0,1,2\}$



Input interpretation :

$a x^2 + b x + c = 2^x$ where $x = \{0, 1, 2\}$



Result:

$\{c, a + b + c, 4a + 2b + c\} = \{1, 2, 4\}$

solve {c, a+b+c, 4 a+2 b+c} = {1, 2, 4}



Input interpretation :

solve

{c, a + b + c, 4 a + 2 b + c} = {1, 2, 4}



Result:

$$a = \frac{1}{2} \text{ and } b = \frac{1}{2} \text{ and } c = 1$$