

$m - g = 9$   
 $m + g = -4$

$\begin{cases} m - g = 9 \\ m + g = -4 \end{cases} \Rightarrow \begin{cases} 2m = 5 \\ m = \frac{5}{2} \end{cases}$

$\frac{1}{2} - \frac{1}{g} = -1 \Rightarrow \frac{-m}{2g} = -1 \Rightarrow m = 2g$

$\frac{m}{2} - \frac{g}{g} = -4 \Rightarrow \frac{m}{2} - 1 = -4 \Rightarrow \frac{m}{2} = -3 \Rightarrow m = -6$

$\Rightarrow m - m = -4 + 4$   
 $0 = 0$

$2g \Rightarrow m = -6$

$\frac{m}{g} = \frac{1}{2}$

$f = \{(a, m), (b, n), (c, r), (d, s)\}$

$a + 1 = 2 \Rightarrow a = 1$

$m^2 - 3m = -2 \Rightarrow m^2 - 3m + 2 = 0$   
 $(m-1)(m-2) = 0$   
 $m = 1$

$m - 1 = \{(1, -1), (2, 0)\}$

$m - 2 = \{(1, 0), (2, 1)\}$

$f(a) + 2f(b) = 2f(c) - 2$

$f(1) = 0$

$b = 0$

این رابطه صحیح است (X) و این رابطه صحیح نیست (X)

$n^2 = 5^2 + m^2 \Rightarrow n^2 = m^2(1 + \frac{5^2}{m^2}) = \frac{m^2}{1 + \frac{5^2}{m^2}} = 5^2 \Rightarrow y = \frac{m}{\sqrt{1 + \frac{5^2}{m^2}}}$

$n = 1$

$n^2 = 5^2 + m^2 \Rightarrow n = \sqrt{5^2 + m^2}$

