

$f(x) = \frac{x^2 + f x + \Delta}{x^2 + f x + v} \Rightarrow f(\sqrt{r} - r) = \frac{(\sqrt{r}-r) + f(\sqrt{r}-r) + \Delta}{(\sqrt{r}-r)^2 + f(\sqrt{r}-r) + v} = \frac{f}{r} = 2$ $f(\sqrt{r}-r) = 2$	٦
$f(x - \frac{1}{x}) = \frac{x^2 + 1}{x^2}$ $(-3 = x - \frac{1}{x}) \times x \Rightarrow x^2 + 3x - 1 = 0 \Rightarrow x^2 = -3x + 1$ $f(3) = \frac{(-3x+1)^2 + 1}{-3x+1} =$	٧
الف) $\frac{f}{g} = \{(2, 0), (1, \frac{-f}{\sqrt{h}}), (0, \frac{1}{4})\}$ ب) $\frac{g}{f} = \{(1, \frac{\sqrt{h}}{-f}), (0, \frac{\sqrt{h}}{4})\}$ $f(x) = \{(2, 0), (1, -4), (0, 2), (v, 1)\}$ $g(x) = \{(2, \sqrt{h}), (1, \sqrt{h}), (0, 2), (\frac{v}{\sqrt{h}}, -1)\}$ تحويل	٨
$f(x) = \{(2, 1), (3, 4), (-5, 2), (1, -2)\}$ ب) $f(x) + 1 = \{(2, 2), (3, 5), (-5, 3), (1, -1)\}$ الف) $2f(x) = \{(2, 2), (3, 8), (-5, 4), (1, -4)\}$ ج) $f(x) = \{(4, 1), (2, 4), (-1, 2), (3, -1)\}$ ج) $3f^2(x) + 1 = \{(2, 13), (3, 28), (-5, 21), (1, 5)\}$	
$f(x) = \{(2, 3), (v, 2), (1, 4), (3, 1), (5, 2)\}$ $g(x) = \{(1, -), (2, 1), (-1, 4), (-2, -2), (2, -1)\}$ الف) $f - g = \{(2, 2), (1, 4), (3, 2)\}$ $\frac{2f}{g} = \{(2, 2), (\frac{1}{\sqrt{h}}, -), (3, -2)\}$ تحويل	١٠