

Simplify $\frac{1-4y+4y^2}{4y^2-1}$

Solution:

$$\frac{1 - 4y + 4y^2}{4y^2 - 1} = \frac{(2y - 1)^2}{(2y - 1)(2y + 1)} = \frac{2y - 1}{2y + 1}$$

Answer: $\frac{2y-1}{2y+1}$