$$g(x) = \frac{12(x+3)^{2} - 4}{1}$$
The can input any real numbers

$$A^{ipproach} = 2\left[\frac{x+3}{x+3}\right] - 4$$
Decause there are no issues with

$$2\left[\frac{x^{2}+3x+3x+9}{x^{2}+6x+9}\right] - 4$$

$$3(x) = 2\left[\frac{x^{2}+6x+9}{x^{2}+6x+9}\right] - 4$$

$$x = \frac{1}{2} = \frac{-(6)}{2}$$

$$2(1)$$

x = - (-3)

$$g(x) = 2(x+3)^{2} - 4$$

$$y = 2(x+3)^{2} - 4$$

$$y = 2(x+3)^{2}$$

$$y + 4 =$$