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$$F(z) = \frac{12}{2+1}(z-1)^2 - \frac{1}{2+1}(z-1)^2 + \frac{1}{3}(z-1)^2 + \frac{1}{3}(z$$

$$r = \frac{12}{(2-1)^2} = \frac{12}{(-1-1)^2} = \frac{3}{3}$$

$$V_2 = \frac{12}{2+1} = \frac{12}{1+1} = \frac{6}{1+1}$$

$$\sqrt{3} = \frac{d}{dz} \left(\frac{12}{2+1} \right)_{z=+1} = -\frac{3}{(2+1)^2}$$

$$F(z) = \frac{3}{(z-(-1))} + \frac{6z}{(z-1)^2} + \frac{-3z}{(z-1)}$$