$$S(x) = 1 - \frac{1}{x - 2}, \quad Q(x) = 1 + \frac{1}{1 - x^{2}}$$

$$S = S(Q(x)) = 1 - \frac{1}{1 + \frac{1}{1 - x^{2}} - 2} = 1 - \frac{1}{\frac{1}{1 - x^{2}} - 1} = 1 - \frac{1 - \frac{1}{x^{2}}}{\frac{1}{1 - x^{2}}} = 1 - \frac{1 - \frac{1}{x^{2}}}{\frac{1}{x^{2}}} = 1 + \frac{1}{\frac{1}{1 - 1 + \frac{1}{x^{2}}} - \frac{1}{(x - 1)^{2}}} = 1 + \frac{1}{\frac{1}{2(x - 2) - 1}} = 1 + \frac{1}{\frac{1}{2$$

$$\frac{3}{\sqrt{3}} = \frac{1}{\sqrt{3}} \left(\frac{1}{\sqrt{3}} \right)^{2} + \frac{1}{\sqrt{4}} \left(\frac{1}{\sqrt{2}} \right)^{2} = \frac{1}{\sqrt{4}} \left(\frac{1}{\sqrt{2}} \right)^{2} = \frac{1}{\sqrt{4}} \left(\frac{1}{\sqrt{4}} \right)^{2} = \frac{1}{\sqrt{4}} \left(\frac{1}{\sqrt{4}}$$

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