$$\frac{dx}{1-\sin x} = \int_{\frac{1}{(4+\sin x)}(\sqrt{1-5}\cos x)}^{\frac{1}{(4+\sin x)}(\sqrt{1-5}\cos x)} = \int_{\frac{1}{(4+\sin x)}}^{\frac{1}{(4+\cos x)}} d\cos x = \frac{1}{\cos x} + \frac{1}{\cos x}$$