



9



مسئله (4)

9

9

5

سوال ۸)

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سوال ۹)

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$$(r^{-\frac{1}{\alpha}})^{\frac{\alpha}{\alpha}} = (r^{-\frac{1}{\alpha}})^{-r \log_r a} = (r^{\frac{1}{\alpha}})^{\log_r a} = a^{\log_r r^{\frac{1}{\alpha}}} = a^{\frac{1}{\alpha}} = \sqrt[\alpha]{a}$$