

$$\frac{\sqrt{r} + \sqrt{s}}{\sqrt{(\sqrt{s} + \sqrt{r})^2}} \times (-1) = -1$$

$$\frac{\sqrt{1+\sqrt{5}} \times (\sqrt{5}+1)}{3-\sqrt{5} \times (\sqrt{5}+1)} - \frac{1 \times (\sqrt{5}+1)}{\sqrt{5} \times (\sqrt{5}+1)} = \frac{10\sqrt{5} + \sqrt{5} + 10\sqrt{5} + \sqrt{5} + 1}{19} \quad (1)$$

$$\frac{10\sqrt{5} + 10\sqrt{5}}{19} - \frac{1}{1} = \sqrt{5} - 1 = \boxed{\sqrt{5} - 1}$$

$$\frac{\sqrt{5}-1}{\sqrt{5}+1} \times \frac{\sqrt{5}-1}{\sqrt{5}-1} = \frac{\sqrt{5}-1}{1}$$

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$$\begin{aligned} \text{وہ) (مربع) }^2 &\rightarrow \sqrt{4+1+1} \\ &\rightarrow \frac{r(\sqrt{4+1})}{\sqrt{2-1} \times (\sqrt{2} \sqrt{2})} = r(2+1) \sqrt{2} \\ &= 10 + 4\sqrt{2} \rightarrow (2+\sqrt{2})^2 \rightarrow (مربع) = 2+1 \\ &\Rightarrow \sqrt{2+1-1} = \sqrt{2} \end{aligned}$$

$$r \cdot \frac{1}{r} = \frac{r}{r} = 1$$

$$\frac{r^2}{\epsilon} (1 + r + q + r + 1 + r + r) = 0 \quad \text{or} \quad \left(\frac{r}{\epsilon}\right)^2$$

$$\frac{r^2}{\epsilon} (1 + r + r + 1 + r + r) = \frac{q \times V_{\text{eff}}}{2 \times \epsilon} = \frac{q}{\epsilon} \Rightarrow \boxed{r = \frac{q}{\epsilon}}$$

$$\begin{aligned} ((a-b)^r)^r ((a+b)^r)^r &= (a^r - b^r)^r \\ &= \frac{\sqrt{a^r + b^r} + \sqrt{a^r - b^r}}{\sqrt{a^r + b^r} - \sqrt{a^r - b^r}} \\ &= \frac{(\sqrt{a^r + b^r} + \sqrt{a^r - b^r})^2}{a^r - b^r} \\ &= \frac{a^r + b^r + 2\sqrt{a^{2r} - b^{2r}}}{a^r - b^r} \\ &= \frac{a^r + b^r + 2\sqrt{a^{2r} - b^{2r}}}{a^r - b^r} \end{aligned}$$

$$\left(\left(a + \frac{1}{a} \right)^r - 1 \right)^r = a^\varepsilon + \frac{1}{a^\varepsilon} + r = r^c \rightarrow 1\varepsilon = r^c$$

$$\sqrt[3]{x^3 \cdot x^{\frac{1}{2}} \cdot x^{\frac{1}{2}}} = \sqrt[3]{x^{\frac{5}{2}}} = x^{\frac{5}{6}} = x^{\frac{1}{2}} \times x^{\frac{1}{3}} = x^{\frac{1}{2}} = \sqrt{x} = A$$

$$(\lambda)^{-\frac{1}{2}} = \left(\frac{1}{\lambda} \right)$$

$$a^{\frac{1}{\sqrt{r}}} = r \sqrt{r} \times a^{\frac{10}{\sqrt{r}}} \Rightarrow 1 = r \sqrt{r} \times a^{\frac{\sqrt{r}-10}{\sqrt{r}}} \Rightarrow a^{-\frac{1}{\sqrt{r}}} = r \sqrt{r}$$

$$\frac{r \sqrt{r} - r \sqrt{r}}{1 + \sqrt{r} (r-1)} = \frac{r(\sqrt{r}-1)(\sqrt{r}+1)}{r} = \frac{r(\sqrt{r}-10)}{r} = \underline{\underline{9 - r \sqrt{r}}}$$

$$\sqrt{n+a} - \sqrt{n-\epsilon} \times \frac{\sqrt{n+a} \sqrt{n-\epsilon}}{\sqrt{n+a} + \sqrt{n-\epsilon}} = \frac{a + \epsilon}{\sqrt{n+a} + \sqrt{n-\epsilon}}$$

$$\sqrt{n+a} + \sqrt{n-\epsilon} = \frac{a + \epsilon}{r} \rightarrow \frac{a}{r} + \cancel{\epsilon} = \boxed{\frac{a}{r}}$$