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$$\left((a^r + b^r)^r - (r a b)^r \right)^r = \left(a^r + b^r + \frac{r a^r b^r}{-r a^r b^r} - \frac{r a^r b^r}{r} \right)^r = (a^r - b^r)^r$$

$$\sqrt{9} - \cancel{4} + \sqrt{4} - \cancel{4} - 2\sqrt{4} = 2\sqrt{4} - 2\sqrt{4} \rightarrow (2\sqrt{4} - 2\sqrt{4})^2$$

$$\sqrt{(y-r)\sqrt{y+r}} = \sqrt{y-r} \cdot \sqrt{y}$$

$$\sqrt{17+1} - 14\sqrt{2}$$

$$\frac{1.4(2 - \sqrt{3})}{2 - \sqrt{3}} = t \rightarrow \boxed{t = 14} \rightarrow \text{جواب}$$

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$$\sqrt[k]{(y - \sqrt{y})^k} \quad y \times a \vee b = -\sqrt[k]{y}$$

$$\sqrt[4]{12 - \sqrt{2}} = \sqrt[4]{2 - \sqrt{2}}$$

$$\left[\left(a + \frac{1}{a} \right)^r - \left(\frac{1}{a} \right)^r \right]^r = \left[\cancel{\frac{a^r + 1}{a^r}} - \frac{1}{a^r} \right]^r = \left(\frac{a^r + 1}{a^r} - \frac{1}{a^r} \right)^r = \left(\frac{a^r}{a^r} \right)^r = 1^r = 1$$

$$\hookrightarrow \frac{r - \sqrt{r}}{r - \sqrt{r}} + \frac{1}{r - \sqrt{r}} \cdot \frac{r + \sqrt{r}}{r - \sqrt{r}} = \frac{r + \sqrt{r}}{r - \sqrt{r}} + \frac{r - \sqrt{r}}{r - \sqrt{r}} = f$$

Y

$$14 = \gamma \kappa \rightarrow \sqrt{\frac{\gamma}{\gamma \gamma \gamma \gamma \gamma}} = \sqrt{\frac{1}{\gamma^5}} = \gamma^{-\frac{1}{5}} \times \frac{1}{\omega} = \gamma^{-\frac{1}{5}} = \sqrt[5]{\gamma}$$

$$\left(\frac{1}{r}\right)^{-\frac{r}{r}} = (r)^{\frac{r}{r}} = \sqrt[r]{r^r} \rightarrow \sqrt[r]{r^r} = \sqrt[r]{r^r} = r^r = r \rightarrow p=r$$

$$(x^x)^{-\frac{1}{x}} = (\lambda)^{-\frac{1}{x}} = \left(\frac{1}{\lambda}\right)^{\frac{1}{x}} = \sqrt[x]{\frac{1}{\lambda}} = \sqrt[x]{\lambda^{-1}} = \sqrt[x]{x^{-x}} = \left[\frac{1}{y}\right] \rightarrow \text{No}$$

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$$\sqrt[r]{a} = rV \times (a)^{\frac{1}{V}} \rightarrow \sqrt[r]{a} = rV \times \sqrt[r]{a^{1/V}} \rightarrow \sqrt[r]{a} = a^{1/V} = rV \rightarrow \sqrt[r]{a^{-1/r}} = rV \rightarrow a^{-r} = rV$$

$$\frac{3\sqrt{u}-u}{1+\sqrt{u}} = \frac{u(1-\sqrt{u})}{1+\sqrt{u}} \times \frac{1-\sqrt{u}}{1-\sqrt{u}} = \frac{u(1+u-2\sqrt{u})}{1-u} = \frac{-u(1+u-2\sqrt{u})}{-u} = \frac{1+u-2\sqrt{u}}{1}$$

عشق
له بین گفته در دست

$$\sqrt{91+2} - \sqrt{91-2} = 2$$

$$\sqrt{a+2a} + \sqrt{a-4} - 4 = ?$$

$$\frac{a + \epsilon}{r} - \frac{f}{r} = \left[\frac{a}{r} \right] \rightarrow \text{جدا}$$

$$\underbrace{(\sqrt{x+a} - \sqrt{m-f})}_Y \underbrace{(\sqrt{x+a} + \sqrt{x-f})}_{\frac{a-f}{Y}} = \underbrace{x+a - x+f}_{a+f}$$

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$$\frac{\sqrt{r} + \sqrt{a}}{\sqrt{r} + r} = \frac{\sqrt{r} + \sqrt{a}}{\sqrt{r}(\sqrt{a} + \sqrt{r})} = \frac{1}{\sqrt{r}}$$

$$(\sqrt{r - \sqrt{a}} - \sqrt{r + \sqrt{a}})^2 = r - \sqrt{a} + r + \sqrt{a} - 2\sqrt{r^2 - a} = 4 - 4 = 0$$

$$\xrightarrow{b^2 = r} \xrightarrow{b < 0} b = -\sqrt{r} \rightarrow \frac{1}{\sqrt{r}} \times (-\sqrt{r}) = -1$$