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$$11 \rightarrow 1 \quad 11 \rightarrow 4 \quad 11 \rightarrow 3 \times \varepsilon \times \omega \rightarrow 3$$

$$11 \rightarrow 1 \quad \varepsilon 1 \rightarrow 3 \quad 41 \rightarrow 50$$

$$\varepsilon + 1 = 4$$

$$11 \times 4 = 44 \rightarrow$$

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مطلوب

$$\rightarrow \varepsilon \sqrt{(\varepsilon + \sqrt{1}) - 1} \rightarrow \frac{1}{\varepsilon \sqrt{\varepsilon + \sqrt{1}}} \times \varepsilon \sqrt{(1 + \sqrt{1})^2} \rightarrow \sqrt{\frac{(1 + \sqrt{1})^2}{(1 + \sqrt{1})^2 \varepsilon}} \rightarrow \varepsilon \sqrt{1}$$

$$\frac{(1 + \sqrt{1})^2}{\varepsilon} \rightarrow 1 + 1 + 2\sqrt{1} = 2 + 2\sqrt{1} \rightarrow \varepsilon + \sqrt{1}$$

$$\rightarrow (\sqrt{1} + \sqrt{1} + \sqrt{1} + \sqrt{1}) \rightarrow \frac{\sqrt{1} + \sqrt{1}}{\sqrt{1} + 1} \rightarrow \frac{\sqrt{1} - 1}{\sqrt{1} - 1}$$

$$\frac{\sqrt{1} + \sqrt{1} - 1\sqrt{1} - 1\sqrt{1}}{1 - 1} \rightarrow \frac{1\sqrt{1} + 1\sqrt{1} - 1\sqrt{1} - 1\sqrt{1}}{1} = \frac{1\sqrt{1} - 1\sqrt{1}}{1} = \frac{1\sqrt{1} - 1\sqrt{1}}{1}$$

مطلوب

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

$$\frac{1 + \sqrt{1} + 1\sqrt{1} + 1\sqrt{1}}{1} = \frac{1 + \sqrt{1} + 1\sqrt{1} + 1\sqrt{1}}{1} = \frac{1 + \sqrt{1} + 1\sqrt{1} + 1\sqrt{1}}{1} = \sqrt{1} + \sqrt{1}$$

$\sqrt{1} + \sqrt{1}$

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

$$\sqrt{1} + \sqrt{1} - \sqrt{1} - 1 = \sqrt{1} - 1$$

$$\sqrt{1} - 1 + (1 + \sqrt{1}) = 1\sqrt{1}$$

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

$$(1) \int \frac{r(\sqrt{r} + \sqrt{r})}{\sqrt{r} - \sqrt{r}} \times \frac{\sqrt{r} + \sqrt{r}}{\sqrt{r} + \sqrt{r}} = \frac{r(a + 4\sqrt{4})}{1} = \sqrt{10 + 8\sqrt{4}} \quad (4)$$

~~1. (1)~~

$$(2) \int \sqrt{r} \times \int 14r \times \int \sqrt{r} = r \frac{14r}{9}$$

$$(\sqrt{4} + r)r = r + \sqrt{4}r$$

$$r + \sqrt{4}r - r = \sqrt{4}r$$

$$\frac{r}{4} + r + \frac{r}{4} = \frac{14r}{9}$$

$$\frac{r^2(1 + r + r^2 + r^3 + r^4 + r^5 + r^6)}{r^2 - r(1 + r + r^2 + r^3 + r^4 + r^5 + r^6)} = ar = \frac{r^2}{r^2 - r} = \frac{dr}{9}$$

$$\frac{r^2}{r^2 - r} \rightarrow r^2 - r \rightarrow r^2 - r = 0 \rightarrow r = r$$

$$[(a - b)^r (a + b)^r] = [a^r - b^r] \varepsilon = \varepsilon (\sqrt{4} - \sqrt{r})^r =$$

$$14(\sqrt{r} - \sqrt{r}) = 14(r - \sqrt{r}) = \frac{1}{2}(r - \sqrt{r})$$

$$a^r - b^r = r(\sqrt{4} - \sqrt{r})$$

$$\left. \begin{array}{l} 4 + r - \varepsilon \sqrt{r} \\ \varepsilon(1 - \varepsilon \sqrt{r}) \\ \varepsilon(r + \sqrt{r}) \end{array} \right) 14$$

$$t = 14$$

$$\left(a + \frac{1}{a} + \sqrt{r}\right)^r \left(a + \frac{1}{a} - \sqrt{r}\right)^r = r^6$$

$$\sqrt{r - \sqrt{r}} = \frac{\sqrt{4} - \sqrt{r}}{r} \quad a = \frac{1}{a} = \frac{\sqrt{4} + \sqrt{r}}{r} = + \frac{r(\sqrt{4} + \sqrt{r})}{\varepsilon}$$

$$a = \frac{1}{a} = \sqrt{4}$$

$$(4 - r)^r = 14 - r \varepsilon \rightarrow t$$

$$A = \sqrt[p]{\epsilon^p \sqrt{14} \left(\frac{1}{p}\right)^{-\frac{\epsilon}{p}}} \rightsquigarrow (pA)^{-\frac{1}{p}} \left\{ \left(\frac{1}{p}\right)^{-\frac{\epsilon}{p}} = p^{\frac{\epsilon}{p}} \right.$$

$$\sqrt[p]{14} \rightarrow 14^{\frac{1}{p}} = (p^{\epsilon})^{\frac{1}{p}} = p^{\frac{\epsilon}{p}} \quad A = \sqrt[p]{\epsilon \times p^{\frac{\epsilon}{p}} \times p^{\frac{\epsilon}{p}}} = \sqrt[p]{\epsilon \times p^{\frac{2\epsilon}{p}}}$$

$$\epsilon = p^p \rightarrow A = \sqrt[p]{p^p \times p^{\frac{2\epsilon}{p}}} = \sqrt[p]{p^{\frac{1\epsilon}{p}}} = p^{\frac{1\epsilon}{10}}$$

$$pA = p \times p^{\frac{1\epsilon}{10}} \rightarrow p^{\frac{19}{10}}$$

$$(pA)^{-\frac{1}{p}} = p^{-\frac{p9}{\epsilon9}}$$

پاور ۱۰

$$a^{\frac{1}{p}} = p^{\frac{1a}{p}} \rightarrow p^{\frac{1a}{p}} = 1 \quad \frac{1}{a} = p^{\frac{1}{p}}$$

$$\frac{p^{\frac{1}{p}} - p}{1 + \sqrt{p}} \times \frac{\sqrt{p} - 1}{\sqrt{p} - 1} = \frac{p(\sqrt{p} - 1)^p}{p} = \frac{p(\epsilon - p^{\frac{1}{p}})}{p} = \epsilon - p^{\frac{1}{p}}$$

$$= \epsilon - p^{\frac{1}{p}}$$

$$\sqrt{x+a} - \sqrt{x-\epsilon} = p \quad (\sqrt{x+a} - \sqrt{x-\epsilon})^p = \epsilon$$

$$(x+a)(x-\epsilon) - p \sqrt{(x+a)(x-\epsilon)} = \epsilon \quad p(x+a-\epsilon) - p \sqrt{(x+a)(x-\epsilon)} = \epsilon$$

$$p(x+a-\epsilon) = p \sqrt{(x+a)(x-\epsilon)} \rightarrow \sqrt{(x+a)(x-\epsilon)} = \frac{p(x+a-\epsilon)}{p} = x+a-\epsilon$$

$$x + \frac{a}{p} - \epsilon$$

$$\sqrt{x+a} = \sqrt{x-\epsilon} + p \rightarrow \sqrt{x+a} + \sqrt{x-\epsilon} = p$$

$$\sqrt{x-\epsilon} + p + \sqrt{x-\epsilon} - p = p \sqrt{x-\epsilon}$$

$$\nu \nu \times \nu \frac{\varepsilon}{\mu} = \nu \frac{10}{\mu}$$

کتابی بنظر

$$\sqrt{\nu \frac{10}{\mu}} - \nu \frac{\nu}{\mu} \rightarrow \nu \frac{\nu}{\mu} \times \nu \frac{\varepsilon}{\mu} = \nu \frac{\nu}{\mu} \times \varepsilon$$

$$(\nu A) \frac{-1}{\mu} \rightarrow (\nu \mu) \frac{-1}{\mu} = \nu^{-1} \rightarrow \frac{1}{\nu} \quad \text{done} \quad 1 (\nu \mu)$$

0 1

$$\frac{-\nu \sqrt{a}}{\sqrt{\mu - \sqrt{a}} + \sqrt{\mu + \sqrt{a}}} \rightarrow \frac{\sqrt{\mu + \sqrt{a}}}{\sqrt{10 + \nu}} \times \frac{-\nu \sqrt{a}}{\sqrt{10}} = \frac{-\nu \sqrt{10} - 10}{10 + \nu \sqrt{10}} = -1$$

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