

ادین پورہ کی



[illegible]

②

$$\frac{v^m \left(1 + v^1 + v^2 + v^3 + v^4 + v^5 \right)}{v^m \left(v^{-1} + v^{-2} + v^{-3} + v^{-4} + v^{-5} \right)} = \Delta r \xrightarrow{\text{red}} \frac{v^m (1 + r + r^2 + r^3 + r^4 + r^5)}{v^m x x x x x} = \Delta r v^m \xrightarrow{\text{cancel}} \frac{v^m (v^5)}{v^m x x x x x} = \frac{1}{x x x x x} v^m \xrightarrow{\text{cancel}} x^5 v = r^5 \frac{v^5}{x^5} \rightarrow r^5 x^5 v = r^5 x^5 v \quad \left(\frac{v}{r} \right)^5 = \left(\frac{v}{r} \right)^5 \rightarrow m = 5$$

$$\frac{1}{2} + \frac{1}{r} + 1 + r + \Delta + \lambda = \frac{1 + r + \Delta + \lambda + 2 + r}{2} = r x x x x$$

④

$$t = 4\sqrt{4} + 1 \cdot \sqrt{2}$$

$$t = \frac{r(\sqrt{q}-\sqrt{r})}{r-\sqrt{r}} \propto \frac{(r+\sqrt{r})}{(r+\sqrt{r})} = 1(\sqrt{q}-\sqrt{r}) \left(\frac{r+\sqrt{r}}{r+\sqrt{r}} \right)^t = \left(\frac{r}{\sqrt{q}-r} - \frac{r}{\sqrt{q}-\sqrt{r}} \right)^r$$

Y

$$\frac{9 + \varepsilon - 8\sqrt{\varepsilon} + 1}{\sqrt{\varepsilon} - \varepsilon\sqrt{\varepsilon}} = \frac{10 - 8\sqrt{\varepsilon}}{\sqrt{\varepsilon} - \varepsilon\sqrt{\varepsilon}} = \frac{10(1 - \cancel{0.8\sqrt{\varepsilon}})}{\cancel{(1 - \varepsilon\sqrt{\varepsilon})}} = 10 = r^E \cdot r^t \rightarrow \boxed{t = \varepsilon}$$

①

$$y^T x^{-1} y \leq \frac{1}{\epsilon} \rightarrow A = y^T y \leq \epsilon$$

$$\frac{1}{a} - r = \frac{q}{\sqrt{r}} - r \Rightarrow \frac{q - r\sqrt{r}}{\sqrt{r}} \rightarrow r\sqrt{r} - r$$

9

$$a^{\frac{1}{r}} \cdot r \cdot a^{\frac{1}{r}} \cdot a^{\frac{1}{r}} \cdot \frac{1}{r} \rightarrow a \cdot \frac{\sqrt{r}}{r}$$

$$\frac{r\sqrt{r} - r}{\sqrt{r} + 1} \times \frac{(\sqrt{r} - 1)}{(\sqrt{r} - 1)} = \boxed{q - r\sqrt{r}}$$

$$(\sqrt{n+a} - \sqrt{n-\varepsilon})(\sqrt{n+a} + \sqrt{n-\varepsilon}) = 10$$

10

$$\frac{n+a - n+\varepsilon}{\sqrt{n+a} + \sqrt{n-\varepsilon}} \xrightarrow{s \rightarrow a+\varepsilon} \rightarrow r\sqrt{n+a} + \sqrt{n-\varepsilon}$$

$\hookrightarrow \frac{a}{r} + r$

$$\sqrt{n+a} + \sqrt{n-\varepsilon} - r = \boxed{\frac{a}{r}}$$

$$\begin{aligned} \sqrt{a} &= r\sqrt{a^{\frac{1}{r}}} \rightarrow \sqrt{a} = r^{\frac{r}{r}} \times a^{\frac{1}{r}} \rightarrow \frac{1}{r} = a^{\frac{r}{r}} \cdot a = \sqrt{r} - \frac{r}{r}\sqrt{r} + r\sqrt{r} \\ \frac{\frac{1}{a} - r}{1 + \sqrt{r}} &= \frac{\frac{1 - r\sqrt{r}}{r\sqrt{r}}}{\frac{1 + \sqrt{r}}{1}} = \frac{1 - r\sqrt{r}}{(r\sqrt{r})(1 + \sqrt{r})} = \frac{1 - r\sqrt{r}}{r\sqrt{r} + r\sqrt{r}} \times \frac{\sqrt{r}}{\sqrt{r}} = \frac{\sqrt{r} - r}{r + r\sqrt{r}} = \frac{\sqrt{r} - r}{r} \end{aligned}$$