

۱۳۵. لطفاً مرتب تر بنویسید و سوالات باقی‌مانده بپوشانید!

ارسیه در دستگیر

$$(11 + 11 + 51 + \dots) \Rightarrow \sqrt{11}$$

$$\sqrt{2} \cdot 4$$

$$4 \times 7 = 28$$

ن

$$(21 + 41 + 91 + \dots + 201) \Rightarrow \sqrt{6}$$

$$x_1 = \sqrt{2} \quad 2 \times 3 \times 4 = \sqrt{24}$$

$$\sqrt[4]{(4+\sqrt{5})^{-1}} \sqrt{1+\sqrt{5}} \rightarrow \sqrt[4]{(4+\sqrt{5})^{-1} \times (1+\sqrt{5})^2} = \sqrt[4]{\frac{1+\sqrt{5}}{4+\sqrt{5}}}$$

$$\frac{10(4+\sqrt{5})}{15} + \frac{(4-\sqrt{5})(3\sqrt{3}-1)}{15} + \frac{(\sqrt{2}-1)}{4+\sqrt{3}} + \frac{(\sqrt{2}-1)}{4+\sqrt{3}}$$

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$$A = \sqrt{r^3 \sqrt{19}} \cdot \sqrt{r} \rightarrow \sqrt{r^4}$$

(1)

$$\sqrt{r^4 \sqrt{19}} \cdot \sqrt{r^4} \Rightarrow \sqrt{r^8 \sqrt{19}} = r^4 \sqrt{19}$$

$$\sqrt{a} = \sqrt{a^{\frac{1}{2}}} \Rightarrow \sqrt{\frac{a^{\frac{1}{2}}}{a^{\frac{1}{2}}}} = \frac{1}{a^{\frac{1}{2}}} = \frac{1}{\sqrt{a}}$$

$$\mu(\sqrt{\mu+1})$$

(1.120)

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

$$\sqrt{x+a} - \sqrt{x-k} = r$$

$$\sqrt{x-k} + \sqrt{x+k} < r$$

$$\sqrt{x+a} = r + \sqrt{x-k}$$

(1.120)

$$r \sqrt{x-k} = \sqrt{x+a} - r$$

$$\div r$$

$$\sqrt{x-k} = \frac{\sqrt{x+a}}{r} - 1$$

$$x-k < \frac{x+a}{r^2} + r + r \sqrt{x+a}$$

$$x-k - \frac{x+a}{r^2} = r + r \sqrt{x+a}$$

$$r^2 - 19 - a - a - 19$$

$$\mu x - a - \mu r = -r \sqrt{x+a}$$

$$(\mu x - a - \mu r)^2 = r^2 x + r^2 a$$

$$9x^2 + \mu x + 10x^2 - r(-\mu x - a + \mu x + r)$$

$$9x^2 + \mu x + 10x^2 + 9x + 1x^2 - 1x^2 = 90$$

be sterilized.

4. When ready for injection, the injection site should be disinfected and the associated equipment (b) ۴

5. The vaccine should be recovered to normal temperature and evenly mixed by shaking before use.

6. Do not use the vaccine if the container is damaged, the seal is broken or the vaccine is

7. [Precautions] The vaccine can only be used for healthy chickens and geese without any disease.

8. [Side Effects] There are no observed adverse effects generally.

9. [Storage] Store at 2-8°C for 6 months.

$$\frac{\mu^x + \mu^{x+1} + \mu^{x+2} + \mu^{x+3} + \mu^{x+4} + \mu^{x+5}}{\mu^{x-1} + \mu^x + \mu^{x+1} + \mu^{x+2} + \mu^{x+3} + \mu^{x+4}} = \omega r$$

1.18.5

$$\frac{\mu^x (1 + \mu + \mu^2 + \mu^3 + \mu^4 + \mu^5)}{\mu^x (\mu^{-1} + 1 + \mu + \mu^2 + \mu^3 + \mu^4)} = \omega r \quad \left(\frac{\mu}{r}\right)^x \times r, 9 = \omega r$$

$$\left(\frac{\mu}{r}\right)^x = r, \mu$$

$$(1, \omega)^x \approx r, \mu$$

$$a = \sqrt[4]{5-1}$$

$$b = \sqrt[4]{5+1}$$

$$(a+b)^K (a-b)^K$$

1.18.6

$$5-1 + K \left(\sqrt[4]{5-1}\right)^K \left(\sqrt[4]{5+1}\right)^K + 4 \left(\sqrt[4]{5-1}\right)^K \left(\sqrt[4]{5+1}\right)^K + K \left(\sqrt[4]{5-1}\right)^K \left(\sqrt[4]{5+1}\right)^K + 5+1$$

$$\cancel{4-1} + \left(\sqrt[4]{5-1}\right)^{\frac{K}{2}} \times \left(\sqrt[4]{5+1}\right)^{\frac{1}{2}} + \cancel{4} \sqrt[4]{r} + K \left(\sqrt[4]{5-1}\right)^{\frac{1}{2}} \left(\sqrt[4]{5+1}\right)^{\frac{K}{2}} + \cancel{4+1} -$$

$$r \sqrt[4]{5} + 4 \sqrt[4]{r} + \left(\sqrt[4]{5-1}\right)^{\frac{K}{2}} \left(\left(\sqrt[4]{5+1}\right)^{\frac{1}{2}} + r \left(\sqrt[4]{5-1}\right)^{\frac{K}{2}} \right)$$

$$a = \sqrt[4]{v - K \sqrt[4]{v}}$$

$$\left(\left(a + \frac{1}{a} \right)^K - r \right)^{\frac{1}{2}}$$

1.18

$$\left(\frac{a^K + 1}{a^K} \right)^K + K - K \left(\frac{a^K + 1}{a^K} \right)^{\frac{K}{2}}$$

$$\frac{a^{K+1} + K a^K + K a^K}{a^K} - \frac{K a^K + K}{a} \rightarrow \frac{a^K + 1 + K a^K + K a^K - K a^K - K a}{a^K}$$

$$\frac{(a+1)^K}{a^K} \rightarrow$$

$$\left(\frac{a+1}{a} \right)^K$$

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

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$$(\underbrace{\sqrt{r-a} - \sqrt{r+a}}_b)^2 = r-a + r+a - 2\sqrt{a-r} = 4-4 = 0 \rightarrow b^2 = 0 \rightarrow b = 0 \rightarrow \frac{1}{\sqrt{r}} \times (-\sqrt{r}) = -1$$

$$\frac{\sqrt{1} + \sqrt{r}}{a - \sqrt{r}} = \frac{r\sqrt{r} + 3\sqrt{r}}{a - \sqrt{r}} \times \frac{a + \sqrt{r}}{a + \sqrt{r}} = \frac{1.5r + 4\sqrt{r} + 15\sqrt{r} + 4r}{19} = \sqrt{r} + \sqrt{r}$$

۳ - اند

$$(\sqrt[4]{9} - 1)^4 = \frac{1}{\sqrt{r} - 1} = \frac{\sqrt{r} + 1}{r} \rightarrow \sqrt{r} + \sqrt{r} - (\sqrt{r} + 1) = \sqrt{r} - 1$$

$$\frac{3\sqrt{r} - 1}{r + \sqrt{r}} \times \frac{r - \sqrt{r}}{r - \sqrt{r}} = \frac{12\sqrt{r} - 9 - 2 + \sqrt{r}}{19} = \sqrt{r} - 1$$

۳ - ب

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

$$\left. \begin{array}{l} \sqrt{r} - 1 + r + \sqrt{r} = 2\sqrt{r} + 1 \end{array} \right\}$$

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

$$A^2 = 1 + \sqrt{r} + \sqrt{r} - 1 + 2\sqrt{\sqrt{r} - 1} = 2\sqrt{r} + 2\sqrt{r}$$

$$A = \sqrt{2}(\sqrt{\sqrt{r} + r})$$

$$\frac{\sqrt{r}(\sqrt{\sqrt{r} + r})}{\sqrt{\sqrt{r} - r}} = \sqrt{r} \sqrt{\frac{\sqrt{r} + r}{\sqrt{r} - r}} = \sqrt{r} \sqrt{\frac{(\sqrt{r} + r)^2}{r - r}} = \sqrt{r}(\sqrt{r} + \sqrt{r}) = \sqrt{4} + r \rightarrow \text{عبایت} = \sqrt{4}$$

دنباله هندسی $q=3, a=1$

$$\frac{r^n (1 + r + r^2 + \dots + r^{n-1})}{r^{n-2} (1 + r + r^2 + \dots + r^{n-2})} = \frac{r^n \left(\frac{r^n - 1}{r - 1} \right)}{r^{n-2} \left(\frac{r^4 - 1}{r - 1} \right)} = 9r$$

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دنباله هندسی $q=2, a=1$

$$\frac{r^n \times \cancel{1} \times \cancel{1} \times \cancel{1}}{\cancel{r} \times \cancel{r} \times \cancel{r}} = \left(\frac{r}{r} \right)^n \times \frac{\cancel{1} \times \cancel{1} \times \cancel{1}}{9} = \cancel{9} \rightarrow \left(\frac{r}{r} \right)^n = \frac{9}{9} \rightarrow n = r$$

$$(a^2 + b^2 - 2ab)^2 = (a-b)^4$$

$$(a^2 + b^2 + 2ab)^2 = (a+b)^4 \rightarrow (a^2 - b^2)^2$$

$$(\sqrt{4-r} + \sqrt{4+r})^2 = [\sqrt{4-r} + \sqrt{4+r} - \sqrt{4-r}]^2 = (2\sqrt{4-r})^2$$

$$2^4 = 1 \quad 1\sqrt{12} = 32 - 14\sqrt{3} = 14(2-\sqrt{3}) \rightarrow \boxed{t=14}$$

$$A = \sqrt[10]{x^3} \in (2)^{-1(-\frac{4}{5})} = (2^2)^{\frac{1}{5}} \times 2^{\frac{4}{5}} = 2^{\frac{9}{5}} = 2^4$$

$$2A = 1 \rightarrow (2A)^{-\frac{1}{5}} = \sqrt[5]{\frac{1}{1}} = \frac{1}{2} = \frac{1}{2}$$

$$a^{\frac{1}{5}} = 2 \times a^{\frac{10}{5}} \rightarrow a^{\frac{14}{5}} \times 2 = 1 \rightarrow a = \frac{1}{\sqrt[5]{2}} = \frac{1}{2\sqrt[5]{2}} = \frac{\sqrt[5]{2}}{2}$$

$$\frac{1}{a} = \left(\frac{2}{\sqrt[5]{2}} - 2\right) = \frac{2 - 2\sqrt[5]{2}}{\sqrt[5]{2}} = \frac{\sqrt[5]{2}(2\sqrt[5]{2} - 2)}{\sqrt[5]{2}} \times \frac{1}{1+\sqrt[5]{2}} = \frac{2(\sqrt[5]{2}-1)}{1+\sqrt[5]{2}} \times \frac{1-\sqrt[5]{2}}{1-\sqrt[5]{2}} = \frac{2(1-\sqrt[5]{2})}{2} = 1-\sqrt[5]{2}$$

دعایات داده شده در صورت سوال یادآور اتحاد مزدوج است...

$$(\sqrt{n+a} - \sqrt{n-4}) (\sqrt{n+a} + \sqrt{n-4}) = n+a - n - (-4) = a+4$$

$$2t = a+4 \rightarrow t = \frac{a}{2} + 2 \rightarrow t-2 = \frac{a}{2} + 2 - 2 = \frac{a}{2}$$

$$\left(\left(a + \frac{1}{a}\right)^2 - 2 \right)^2 = \left(a^2 + \frac{1}{a^2}\right)^2 = a^4 + \frac{1}{a^4} + 2$$

$$\frac{1}{2-4\sqrt{3}} \times \frac{2+4\sqrt{3}}{2+4\sqrt{3}} = \frac{2+4\sqrt{3}}{4-12} = \frac{2+4\sqrt{3}}{-8} = -\frac{1}{4} - \frac{\sqrt{3}}{2}$$

$$a^4 + \frac{1}{a^4} + 2 = 2 - 4\sqrt{3} + 2 + 4\sqrt{3} + 2 = 14 \rightarrow 2^t = 14 \rightarrow \boxed{t=4}$$