

$$V = 9$$

آتر جیسا آقا صالحہ

(1)

$$13 \times \boxed{19} = 247$$

$$(f \circ g)^n$$

$\alpha = 19$

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

$$x^y + k, yx, x^y - y \rightarrow kx^y = (x^y + k)(x^y - y) \rightarrow$$

$$\rightarrow r_x^y = x - p_x^y + r_x^y - 1 \Rightarrow x + p_x^y - 1 = r_x^y \Rightarrow$$

0, 0

$$\text{Jalad} = a + aq + aq^r + aq^m + aq^f = a \left(1 + q + q^r + q^m + q^f \right) \Rightarrow$$

$$= \cancel{\lambda}^{\mu} \times \frac{1 \cancel{\lambda} 1}{\cancel{\lambda} \lambda} = \frac{\mu \cancel{\lambda} \mu}{\cancel{\lambda} \lambda}$$

$$d = \frac{500}{500} = 10,8 \text{ g/cm}^3$$

$\square, \delta, \gamma, \boxed{\gamma, \delta}, \cancel{\delta}, \delta, \cancel{\delta}, \delta, \boxed{SP} (K)$

$$q^{f+1} = \frac{b}{a} = \frac{2r}{1} = q^{grs} \Rightarrow q = 2 \quad 1, 2, 4, 8, 16, 32, 64$$

$$q = -r \quad B = -A \quad A + B = r \quad (1)$$

$$-\frac{99}{K}, -\frac{98}{K}, \dots, -\frac{2}{K} + \frac{1}{K} = -\frac{99}{K} + \frac{99}{K} = \frac{99}{K}$$
 (d)

$$\alpha_{100} = \alpha_{99} = 141 \times 9^{99} = \frac{\mu}{\kappa} \Rightarrow 9^{99} = \frac{\mu}{\kappa} \times \frac{1}{141}$$

$$\begin{aligned}
 \textcircled{1} \quad a_p &= a + \frac{p-1}{2}d & b^p &= ac \\
 \textcircled{2} \quad a_v &= a + \frac{v-1}{2}d & (a + \frac{v-1}{2}d)^p &= (a + \frac{v-1}{2}d)(a + \frac{v-1}{2}d) \\
 \textcircled{3} \quad a_q &= a + \frac{q-1}{2}d & a^p + \frac{p-1}{2}d^p + \frac{p-1}{2}ad &= a^p + \frac{p-1}{2}ad + \frac{p-1}{2}ad + \frac{p-1}{2}d^p
 \end{aligned}$$

$1, 2, \omega$

این درستی چون نسبت a و b متناهی است
 $d = \frac{-2a}{p-1}$
 $d = 0$

$0, 1, \omega$

$$\begin{aligned}
 \textcircled{1} \quad a_p &= a + d \quad b^p = ac \\
 \textcircled{2} \quad a_v &= a + vd \quad (a + vd)^p = (a + d)(a + vd) \\
 \textcircled{3} \quad a_q &= a + qd \quad a^p + qd^p + qad = a^p + vad + ad + vd^p
 \end{aligned}$$

$$\begin{aligned}
 \frac{p-1}{2}d^p &= \frac{p-1}{2}ad \Rightarrow \frac{1}{p-1} = \frac{1}{p} \Rightarrow d = \frac{1}{p} \quad a = \frac{1}{p} \\
 \alpha_{10} &= ar^q = \left(\frac{1}{p}\right)^{10} \\
 d &= \alpha_1
 \end{aligned}$$



$$\begin{aligned}
 &3aq, 2aq^p, aq^q \quad 1 \neq q \\
 &0 \neq q \\
 &-2aq^p + aq^q = 2aq^p - 3aq \\
 &\rightarrow -2q^p + q^q = -2q + 2q^p \\
 &\boxed{q=3}
 \end{aligned}$$

$1, \omega$

$q=1$ ← غیر قابل قبول چون ثابت می‌شود