

محکم دلائل سے مزین و متنوع ومنفرد موضوعات پر مشتمل مفت آن لائن مکتبہ

[illegible]

$$\rightarrow a-1 \rightarrow a-1 \quad a=-1$$

جملہ اول این دنبہ و جملہ آخری ہا اسکا !

حواب صفی آخر...

②

$$\left. \begin{array}{l} (-o/r) \alpha f q \alpha v b o c s i v, r \rightarrow v b o c s r v \\ (-o/r) \alpha v d o \alpha b o c s i f \rightarrow d i b o c s i q \end{array} \right\} \rightarrow r b s n \rightarrow b s f \rightarrow c s - 1$$

$$a_1 \leq b_1, a_n \leq b_n \Rightarrow a_n - a_1 \leq b_n - b_1 \Rightarrow (b-a) \geq 0 \Rightarrow r \leq \frac{r}{\theta} d$$

②

$$\Rightarrow \frac{b_{10}}{d} \sim \frac{-\frac{c}{d} d + \frac{d}{d} d}{d} \sim \frac{rd}{d} \sim r \quad \checkmark$$

$$\begin{aligned}
 & \Rightarrow (a+d) + d(a+d)a + r(a+d)a \\
 & \Rightarrow Ha^r + Kad + 4d^r + da^r + 10ad + 4a^r + rkd \\
 & \Rightarrow -4a^r - ad + 4d^r = 0 \xrightarrow{\text{GUE}} a^r - ad + 11d^r = 0 \\
 & \Rightarrow (a - 4d)(a + 11d) \Rightarrow a = \frac{4d}{-1} = -4d, a = \frac{-11d}{-1} = 11d \\
 & \Rightarrow \frac{a}{d} = \begin{cases} \frac{-4d}{d} = -4 \checkmark \\ \frac{+11d}{d} = 11 \checkmark \end{cases}
 \end{aligned}$$

(7) -4

$$\begin{aligned}
 & b = \frac{a+c}{r} \Rightarrow \frac{a^r}{r} + b \times \frac{c}{r} \Rightarrow \frac{a^r}{r} + \frac{ac+c^r}{1} \\
 & \Rightarrow 4a^r + ac + c^r \Rightarrow 4a^r - ac - c^r = 0 \xrightarrow{\text{GUE}} a^r - ac - 4c^r = 0 \Rightarrow (a-c)(a+c) = 0 \\
 & \Rightarrow a = b = \frac{c}{r} \Rightarrow \frac{c}{r} \Rightarrow q = -1 \Rightarrow 4aq = -4 \checkmark \\
 & \Rightarrow a = \frac{4b+c}{r} \Rightarrow b^r + a \cdot c \Rightarrow b^r + \frac{4bc+c^r}{r} \\
 & \Rightarrow 4b^r + 4bc - c^r = 0 \Rightarrow (4b-4c)(4b+c) = 0 \Rightarrow \frac{b+c}{\text{GUE}} \leq b = -\frac{1}{4}c \\
 & \Rightarrow q = \frac{c}{b} = -4 \Rightarrow \frac{a}{a^r} + q^r = (-4)^r = -4 \checkmark
 \end{aligned}$$

(7) -11

$$\begin{aligned}
 & a = \frac{4b+c}{r} \Rightarrow b^r + a \cdot c \Rightarrow b^r + \frac{4bc+c^r}{r} \\
 & \Rightarrow 4b^r + 4bc - c^r = 0 \Rightarrow (4b-4c)(4b+c) = 0 \Rightarrow \frac{b+c}{\text{GUE}} \leq b = -\frac{1}{4}c \\
 & \Rightarrow q = \frac{c}{b} = -4 \Rightarrow \frac{a}{a^r} + q^r = (-4)^r = -4 \checkmark
 \end{aligned}$$

(7) -1

$$\begin{aligned}
 & \frac{aq^d}{a^r q^c} + \frac{aq}{a^r} = r \Rightarrow \frac{q^r}{a^r} + \frac{aq}{a^r} = r \Rightarrow q^r + aq = ra^r \\
 & \Rightarrow 4a^r - aq - q^r = 0 \Rightarrow a^r - aq - 4q^r = 0 \Rightarrow (a-4q)(a+q) = 0 \Rightarrow a = 4q \text{ or } a = -\frac{1}{4}q \\
 & \Rightarrow \frac{a^r}{aq} = \frac{a}{q} \begin{cases} \rightarrow a = 4q \rightarrow 4 \checkmark \\ \rightarrow a = -\frac{1}{4}q \rightarrow -\frac{1}{4} \checkmark \end{cases}
 \end{aligned}$$

(7) -9

$$\begin{aligned}
 & a \cdot a^r + a^r = r\sqrt{a^r} = \sqrt{a^r} \Rightarrow r\sqrt{a^r} = \sqrt{a^r} \Rightarrow \sqrt{r^2} = \sqrt{a^r} \Rightarrow a^r = r \\
 & \Rightarrow q = \frac{a}{a^r} = \frac{r}{r} = 1 \rightarrow a = \frac{a^r}{q^r} = \frac{r}{r} = 1 \checkmark \\
 & \frac{1}{r} - \frac{1}{c} = \frac{1}{4} \checkmark
 \end{aligned}$$

(7) -10