

1A

$$\frac{q}{r} \times a \times ar = rI$$

$$a \times ar \times ar = rI \quad rIr = r + r + r + r \rightarrow rV - 4r + r = 0$$

$$\frac{a}{r} \times a \times ar = a^2 = 4r \rightarrow a = r$$

$$\frac{1V + \sqrt{rAs} \times r \times r}{r} = \frac{1V + 12}{r}$$

$$q = \frac{1}{r} = \frac{1}{4r} \quad \text{also } \frac{1}{r} = \frac{r}{A} \quad \text{circled } r$$

$$2r + r, r, m, 2r - r$$

$$m \rightarrow \Lambda, r, r \rightarrow q = \frac{1}{r} \quad a \times \frac{q^2 - 1}{q - 1} = \Lambda \times \frac{\frac{1}{4r} - \frac{1}{4r}}{\frac{1}{4r} - 1} = \frac{-12V}{\frac{1}{4r}} \quad \text{circled } r$$

$$(2r + r)(2r - r) = r^2$$

$$2r^2 - r^2 + r^2 = \Lambda = r^2$$

$$2r^2 - r^2 = \Lambda$$

$$(m^2 - r)(m^2 + r) = 0$$

$$(m - r)(m + r)(m^2 + r) = 0$$

$$m = \pm r$$

$$a, q, aq^2, aq^3, aq^4$$

$$a = rfr$$

$$a(1 + q + q^2 + q^3 + q^4) = ?$$

$$\frac{rfr \times 121}{\Delta r} = rqr$$

$$1, A, 4r$$

$$\frac{4r - 1}{4} = \frac{q \times V}{q_r} = r/A$$

$$a + rd = 1 + 1/A = 11/A$$

$$\text{circled } 81V\omega$$

$$1, q, aq^2, aq^3, aq^4, aq^5, aq^6, 4r$$

$$\Lambda' = 11/A = 19/A$$

$$q^2 = 1 \times 4r$$

$$q = r \quad aq = -r \quad \text{circled } \Lambda$$

قانون

$$\frac{-92}{r} - \left(\frac{-94}{r} \right) = \frac{1}{r} = d$$

$$a + 10d = \frac{-94}{r} + 10 \left(\frac{1}{r} \right) = \frac{r}{r} = 1$$

$a \times d^v$
 $121 \times d^v = 1$

$$d^v = \frac{1}{121} \rightarrow d^v = \left(\frac{1}{11} \right)^v \quad \boxed{d = \frac{1}{r}}$$

$$a + 2d, a + 4d, a + 10d$$

$\quad \quad \quad +d \quad \quad \quad +d^v$

$$(a + 10d) \times (a + 2d) = (a + 4d)^2$$

$$a^2 + 10ad + 14d^2 = a^2 + 8d^2 + 15ad$$

$$5ad = 2d^2$$

$$5a = 2d \rightarrow 0 = 10d + a$$

$$d = \frac{-5a \pm \sqrt{25a^2 - 4 \times 10 \times 0}}{2 \times 10} = \frac{-5a \pm 5a}{20}$$

$$d = \frac{-5a}{10} = \frac{-5a}{r}$$

$$d = -\frac{a}{10}$$

$$-10d = a$$

ملاحظه

$$a+d, a+rd, a+vd$$

$$a+d, a+rd, a+vd \quad q = \frac{a+d}{a} = 2$$

$$t \quad +q \quad +q^2$$

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

$$tq^2 = ?$$

$$q^2 = \frac{1+2r}{r} = \frac{1+2}{1} = 3$$

$$t_{10} = aq^9$$

$$-v \quad 1, \omega$$

$$\frac{1}{x} \times 2^9 = 2^9 = 128$$

$$(a+vd)(a+d) = (a+rd)^2$$

$$a^2 + aad + vd^2 = a^2 + 2ard + r^2d^2$$

$$rad = rd^2$$

$$a = d$$

$$rad, rad^2, ad^3$$

$$q = ? = 1.5$$

$$1, \omega$$

$$t-d, t, t+d$$

$$rag + ar^2$$

$$\frac{rag + ar^2}{r} = rag^2$$

$$ag(r+q^2) = rag^2$$

$$r+q^2 = r^2$$

$$q^2 - r^2 + r = 0$$

$$q = \frac{r \pm \sqrt{14-1 \times 1}}{2} = \frac{r \pm 1}{2} \quad r=3 \quad b=1$$

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$$r, \frac{v}{r}, \dots, \frac{v}{r} - r, \frac{v}{r} - \frac{v}{r} = -\frac{1}{r} = d$$

$$a+rd, a+vd, a+rd$$

$$a-\frac{r}{r}, a-\frac{v}{r}, a-r$$

$$a-r, \frac{a}{r}, \frac{1}{r}, -1$$

$$\frac{a}{r} + q, \frac{1}{r} + q, -1 + q$$

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

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

$$-1, -d$$

$$q = \frac{r}{r-1} = \frac{3}{2}$$

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$$a + aq^r + aq^4 = vr$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$+ \quad +d \quad +9d$$

$$d = ?$$

$$aq^r - a = d$$

$$a(1 + q^r + q^4) = vr$$

$$a \times (1 + 1 + 9) = vr$$

$$a = 1$$

$$a(q^r - 1) = d$$

$$1 \times (1 - 1) = d$$

$$\sqrt{d = 0}$$

$$aq^4 - aq^r = 1d$$

$$aq^r(q^r - 1) = 1d$$

$$a(q^r - 1) = d$$

$$q^r = 1 \Rightarrow q = 1$$

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mit

if $q = 1$

$$a + a + a = vr$$

$$a = vr/3$$

$$\Rightarrow vr/3(1 - 1) = d \Rightarrow d = 0$$

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