

$$a + aq + aq^2 + \dots$$

$$\text{C.V. } \Sigma \mu \quad (1)$$

$$\frac{a}{q} + a + aq = 11$$

$$a^r = 48$$

$$a = k$$

$$\frac{k}{q} + k + kq = 11$$

$$\frac{k + kq + kq^2}{q} = 11$$

$$F_n^r = (x^r + k)(n^r - r)$$

$$k + kq + kq^2 = 11q$$

$$kq^2 - 10q + k = 0$$

$$q^2 - 10q + 11 = 0$$

$$(q - 14)(q - 1) = 0$$

$$q = 14 \text{ or } q = 1$$

$$\left(\frac{1}{\Sigma} \right)$$

$$F_n^r = x^r + r n^r - 1$$

$$x^r + r n^r - 1 = \Sigma n^r$$

$$x^r - r n^r - 1 = 0$$

$$(x^r - k)(n^r + k) = 0$$

$$(n + r)(n - r) = 0$$

$$n = \pm r \quad q = \frac{1}{r}$$

$$n = r \rightarrow \{1, k, r\} \Rightarrow S_n = \dots$$

$$x = -r \rightarrow \{1, -k, r\}$$

$$\{1, k, r\} \Rightarrow S_n = \dots$$

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$$\left(\frac{1}{\Sigma} \right)$$

$$\{1, k, r\} \Rightarrow S_n = \dots$$

$$a + aq + aq^2 + aq^3 + aq^4 = \frac{11}{1 - \frac{1}{14}} = \dots$$

(F)

$$\frac{1}{a_1} \cdot \frac{1}{\omega} \cdot \frac{qk}{a_v}$$

$$a_\Sigma = 1 + \frac{1}{\omega} \cdot \frac{qk}{a_v}$$

$$A \cdot B = 1 + \frac{1}{\omega} \cdot \frac{qk}{a_v} = \frac{k}{\omega} \cdot \frac{1}{a_v}$$

$$\frac{1}{a_1} \cdot \frac{1}{\omega} \cdot \frac{qk}{a_v}$$

(a)

$$q^v = q_\Sigma \rightarrow q = 1$$

$$a_\Sigma = 1 \times q^v = 1 \times 1 = 1$$

A

$$\frac{\frac{1}{\omega} \cdot \frac{qk}{a_v}}{\frac{1}{\omega} \cdot \frac{qk}{a_v}} = \frac{1}{1}$$

$$-1k + (100)d = 1k \times q^v$$

$$\frac{-1k + 100d}{1k}$$

$$= q^v$$

$$\Rightarrow \frac{-1k + 100 \times \frac{qk}{1k}}{1k} = q^v$$

$$1k \times \frac{qk}{a_v} = 100 \times \frac{1k}{a_v}$$

$$q^v = \frac{\frac{1}{\omega} \cdot \frac{qk}{a_v}}{\frac{1}{\omega} \cdot \frac{qk}{a_v}} = \frac{1}{1}$$

$$\Rightarrow q = 1$$

$$a, aq, aq^v$$

$$aq = aq$$

$$\left. \begin{aligned} a &= a_1 + kd \\ aq &= a_1 + qd \\ aq^v &= a_1 + \lambda d \end{aligned} \right\} \rightarrow$$

$$\begin{aligned} aq - a &= kd \\ aq^v - aq &= kd \\ aq(q - 1) &= kd \end{aligned}$$

$$\frac{1}{q} = 1 \Rightarrow q = \frac{1}{1}$$

(4)

$$\boxed{q = n}$$

$$\cancel{q + q} + \cancel{q + q} + \cancel{q + q}$$

$$n = 1 + q + q + q = 3q$$

$$n = 1 + q + q + q = 3q$$

$$\cancel{q + q + q + q + q}$$

$$q = a + d$$

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$$a, d, q, a + d, a + 2d, a + 3d$$

$$q = a + d$$

$$q = a + d$$

$$q = a + d$$

$$q = a + d$$

$$(a + d)(a + 2d)(a + 3d)$$

$$q = a + d$$

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$$q = a + d$$

$$q = a + d$$

$$\boxed{d = \frac{1}{a} = \frac{1}{b} = \frac{1}{c}}$$

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$$d = \frac{-1}{\Sigma}$$

$$a_z = \gamma + \mu_z - \frac{1}{5}$$

$$a_n = r + V_n \cdot \frac{1}{n}$$

$$a_{12} = a_1 + \frac{1}{2} - \frac{1}{2}$$

$$\left(\frac{a}{\Sigma} + n\right)(n-1) = \frac{a}{\Sigma} + n$$

$$x = -\frac{21}{98}$$

$$q = -\frac{\Delta}{\Delta q}$$

$$d = \frac{v}{\lambda}$$

$\leftarrow \frac{\omega}{\lambda} + n$

$$a, \quad \lambda a, \quad \gamma f a,$$

$$a_1, \frac{a_1+d}{r}, a_1+qd$$

$q, q^1, q^2, \dots$

$$g(1 + \cancel{g} + \cancel{g}) = \sqrt{r}$$

$$\Rightarrow a = 1$$

$$\cancel{q_1} + d^r + r a, d_1 = \cancel{q_1} + q d, a_1$$

$$d' = v da_1$$

$$d = v a,$$

$$a = a_1$$

$$\lambda a_i = 9,9$$

$$y = 9$$

$$Y = 9$$

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$$\Rightarrow 1 - 1 = V = d$$