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$$a+b = \frac{1}{b} \rightarrow a = \frac{1}{b}$$

صحيح

$$\frac{a^2}{a^2} + \frac{b^2}{a^2} = \frac{a^2 + b^2}{a^2} + \frac{b^2}{a^2} = \frac{1}{a^2} + \frac{b^2}{a^2} \rightarrow \frac{1}{a^2} \left(\frac{1}{b^2} + b^2 \right)$$

(1) -1

$$\frac{1}{a} (a^2 + b^2) = \frac{1}{a} ((a+b)^2 - 2ab) = \frac{1}{a} (a^2 + 2ab + b^2 - 2ab) = \frac{1}{a} (a^2 + b^2) = \frac{1}{a} \times a = \boxed{1}$$

جواب: صحيح

$$-x = 9a + 7b + c$$

$$-x = 9a + 7b + c \rightarrow 9a + 7b + c = -x$$

$$9a + 7b + c = -x \rightarrow 9a + 7b + c = -x$$

(1) -1

$$x + a = -14b \rightarrow -b = \frac{x}{14} a \rightarrow -b = \frac{x}{14} a$$

$$b = \frac{x}{14} a \rightarrow \frac{x}{14} a = \frac{x}{14} a$$

$$\frac{\sqrt{a}}{|a|} = \frac{x}{14} a \rightarrow \frac{\sqrt{a^2 - 1}}{1} = \frac{x}{14} a \rightarrow \sqrt{a^2 - 1} = \frac{x}{14} a$$

$$\frac{x}{14} a = \frac{x}{14} a \rightarrow \frac{x}{14} a = \frac{x}{14} a$$

(2) -1

$$\left[\frac{x}{14} \right] = \left[\frac{x}{14} \right] = \boxed{1}$$

$$y = a^2 + b^2 + c \rightarrow c = 1$$

$$9a + 7b + c = 9a + 7b + 1 \rightarrow 9a + 7b = 0 \rightarrow b = -\frac{9}{7}a$$

(1)

$$a + b \rightarrow \frac{1}{a} = -\frac{9}{7}a = -\frac{9}{7}$$

$$(a + b)^2 = 0 \rightarrow (a + b)^2 = 0 \rightarrow a + b = 0$$

$$\frac{c}{a} = \frac{1}{a} \rightarrow c = \frac{1}{a}$$

$$9a + 7b + c = 9a + 7b + \frac{1}{a} = 0 \rightarrow 9a + 7b = -\frac{1}{a}$$

$$9a + 7b = -\frac{1}{a}$$

$$c = \frac{1}{a}$$

$$-x = -\frac{1}{a} \sqrt{a^2 + 1} \rightarrow \frac{1}{a} \sqrt{a^2 + 1} = -x$$

(1) -1

$$\Delta \rightarrow x + 3m \rightarrow x + 3m = -x$$

$$-x = -x \rightarrow x = -x$$

$$x = -x \rightarrow x = -x$$

صحيح

$\rightarrow m \rangle$.

$$\frac{-\Delta}{\xi a} = r \rightarrow \xi a c - b' = \lambda a \rightarrow \xi (\delta m' - m) - 1 \xi \xi = \lambda m$$

$$r \cdot m' - 1' m - 1 \xi \xi = 0$$

$$1 \xi \pm \sqrt{1 \xi \xi - \xi (-r \lambda a)} = \pm \sqrt{\xi} \rightarrow m = r$$

$$\frac{-b}{r a} \rightarrow \frac{1' r}{\xi} = \textcircled{P} \checkmark$$

$$a' = \alpha \beta \rightarrow a' = \frac{\xi}{a} \rightarrow a' = \frac{r a - 1}{1} \rightarrow a' = r a + 1 = 0$$

$$(a-1)' = 0, \quad \textcircled{a=1} \checkmark$$

$$\begin{aligned} a' &\rightarrow t \\ \xi - v \xi \cdot \delta &= 0 \\ \xi &= v \\ \delta &= 1 \cdot v + 1 \xi = \textcircled{0} \checkmark \end{aligned}$$

0 -1

$$\begin{aligned} \frac{-b}{r a} &\rightarrow \frac{\xi}{r k} \quad \text{cos} \\ \frac{-\Delta}{\xi a} &\rightarrow \frac{-\xi k - \xi}{r k} \quad \text{cos} \\ &\rightarrow \frac{-\xi \times r - \xi}{r} = \frac{-1' r - \xi}{r} = \frac{-1' r}{r} = \textcircled{-1} \checkmark \end{aligned}$$

$\textcircled{r}$ -9

$$\begin{aligned} -m a' + m a + 1 &= -m - a \\ -m a' + m a + a + m + 1 &= 0 \\ -m a' + (m+1) a + m + 1 &= 0 \\ \Delta < 0 &\rightarrow m' + r m + 1 - \xi (-m' - m) < 0 \\ m' + r m + 1 + \xi m' + \xi m &< 0 \end{aligned}$$

$$\begin{aligned} \delta m' + r m + 1 &< 0 \\ m' + r m + 1 &< 0 \quad \left(\frac{-\delta}{\delta} \right) \left(\frac{m+1}{m+1} \right) < 0 \\ &= \frac{-1}{-1} = 1 \end{aligned}$$

✓ قابل جمع عدد صحیح می شود

$\textcircled{r}$

$$v' = t \rightarrow t' - vt - \delta = 0 \rightarrow t = \frac{v \pm \sqrt{v^2 - \delta}}{r} \rightarrow v' = \frac{v \pm \sqrt{v^2 - \delta}}{r}$$

$$v = \pm \sqrt{\frac{v^2 - \delta}{r}} \rightarrow s = 0 \quad p = -\frac{v \pm \sqrt{v^2 - \delta}}{r}$$

$$r p' - r s p + r s = \textcircled{0} \checkmark$$

-1