

$$\begin{cases} 3y - a + r = 0 \\ ry - x - v = 0 \\ 3y - x + r = 0 \\ (ry - x + 1 = 0) \end{cases} \quad \text{elimination} \quad (r)$$

$$\begin{aligned} \frac{1-11}{\sqrt{3+1}} &= \frac{1}{\sqrt{0}} \\ \frac{\sqrt{0}}{1} &= \frac{1}{\sqrt{0}} \\ \frac{1}{\sqrt{0}} &= \frac{1}{\sqrt{0}} \end{aligned}$$

$$\frac{-a}{b} = \frac{1}{r}$$

(3)

$$m = \frac{1}{r} = -1 \quad m \perp H \quad \frac{1}{r} \perp \frac{1}{r}$$

$$m \perp H = \sqrt{\frac{1}{r}} = \sqrt{\frac{1}{r}}$$

$$y = -x + b \quad m \perp H = 1$$

$$1 = -x + b$$

$$b = 0$$

$$y = x + b$$

$$\begin{cases} -x + b - y = 0 \\ m - r - y = 0 \\ x - b + y = 0 \end{cases}$$

$$r m - v = 0$$

$$b = r$$

$$c - \frac{1}{r} = -\frac{1}{r}$$

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

$$\frac{1}{r} - r = y \rightarrow y = \frac{1}{r}$$

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

$$\frac{r - r_m}{a - m} = \frac{-r_m + 1}{m + 1} \quad (8)$$

$$(m+1)(r - r_m) = (-r_m + 1)(m + 1)$$

$$r m^2 - 13 m + 10 = -r m^2 - m + r$$

$$m^2 - 14 m + 10 = 0 \quad \text{discriminant}$$

$$\Delta < 0 \quad 14^2 - 4(10) < 0$$

(9)

$$\begin{cases} r x - y - 1 = 0 \\ x + r y - a = 0 \\ 3x - r y - r = 0 \end{cases} \quad \frac{1}{r} x = \frac{r}{r}$$

$$3x - r y - r = 0$$

$$x = 0$$

$$2x = 0$$

$$1 + r y = a$$

$$x = 1 \quad r y = r \quad y = 1$$

$$x + r y - a = 0$$

$$-1 + x - 3 = 0$$

$$x = 0$$

$$x + y - 3 = 0$$

$$-x - r y + a = 0$$

$$-y - 1 = 0 \quad y = -1$$

$$\frac{y}{c} + y = 3 \quad y = \frac{1}{c} - \frac{3}{c} = \frac{1}{c}$$

$$AH = \sqrt{14} = 3$$

$$\frac{AH}{AH} = \frac{1}{1}$$

$$y = \frac{2}{m}x + r \quad (1-m)x + r = \frac{2}{m}x + r \quad y =$$

$$y = (1-m)x + r \quad 1-m = \frac{2}{m} \quad (1-m)x + r = \frac{2}{m}x + r$$

$$x = - (0.5r) \quad m - m - 2 = 0 \quad m = \frac{-r}{1-m}$$

$$x = \frac{-m}{1-m} \quad y =$$

$$h = r \quad \left\{ \begin{aligned} y &= \frac{1}{r}x + \frac{r}{1-m} \end{aligned} \right. \quad \text{use } x = \frac{1}{r} \left| \frac{r}{1-m} + \frac{m}{r} \right| = \frac{0}{r}$$

$$\frac{1}{1-m} + \frac{m}{r} = \frac{0}{r} \rightarrow m = c$$

$$\frac{1}{1-m} + \frac{m}{r} = -\frac{0}{r}$$

$$m = \frac{1}{\sqrt{2}} + r$$

$$y = rx - c \quad A \left| \begin{array}{c} c \\ r \end{array} \right| \quad A \left| \begin{array}{c} c \\ r \end{array} \right| \quad A \left| \begin{array}{c} c \\ r \end{array} \right|$$

$$y = ax + b \quad -v = r + b \quad b = -a \quad y = rx - a \quad \frac{r+x'}{r} = r \quad x' = 1$$

$$-v = rx + b \quad b = -a \quad y = rx - a \quad \frac{r+y'}{r} = -r \quad y' = -v$$

$$rb - a = 1r - (c) = 10$$

$$A \left| \begin{array}{c} b \\ c \end{array} \right| \quad A \left| \begin{array}{c} b \\ c \end{array} \right| \quad A \left| \begin{array}{c} b \\ c \end{array} \right|$$

$$m = -1 \quad y = -x + b \quad -1 + b = r \quad b = r$$

$$\begin{cases} -x - y + c = 0 \\ x - y + d = 0 \end{cases} \quad y = 2 \quad x = 1$$

$$A \left| \begin{array}{c} c \\ r \end{array} \right| \quad A \left| \begin{array}{c} c \\ r \end{array} \right| = 0$$

$$m_R = r \quad m_H = -r \quad \begin{cases} rx - 11 - y = 0 \\ -1/r x + c/r - y = 0 \end{cases}$$

$$y = rx + b \rightarrow -11 \quad \frac{1}{r}x - \frac{10}{r} = 0$$

$$b = -11 \quad 10 - 11 = y \quad y = 1$$

$$1/r + b = 1 \quad b = c/r$$

$$y = -\frac{1}{r}(11) + b$$

$$y = ax + b \quad y = -\frac{1}{r}x + A_{y0} \quad -1/r x + \frac{1}{r} - y = 0$$

$$A = \sqrt{r \times d} = 0 \quad \frac{A}{\sqrt{\frac{1}{r} + 1}} = \sqrt{r}$$

$$y = -\frac{1}{r}x + b$$

$$d = \sqrt{10^r + d^2} = \sqrt{10^r}$$

$$-1/r x = -d$$

$$b - x = \frac{1}{r} \frac{d}{1} = 10$$

$$A \left| \begin{array}{c} d \\ d \end{array} \right| \quad A \left| \begin{array}{c} d \\ d \end{array} \right|$$

Subject:

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شماره اول باور

$$m_{CH} = \frac{1}{v}$$

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

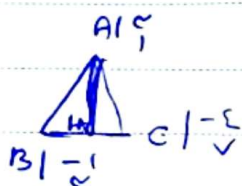
$$\frac{1}{v}x + b = y$$

$$\frac{c}{v} + b = 1$$

$$1 - \frac{c}{v} = \frac{c}{v}$$

$$m_{AB} = \frac{\Delta y}{\Delta x} = \frac{1c}{-v} = -v \quad (1)$$

$$\begin{cases} x = \frac{c}{v} + 1 = c \\ y = \frac{1 + (-v)c}{1} = 1 - vc \end{cases}$$



$$m_{BC} = \frac{\Delta y}{\Delta x} = \frac{c}{-c} = -1$$

(2)

$$y = ax + b$$

$$v = -cax + b$$

$$v = -cax + \frac{c}{v} + b \rightarrow b = v - \frac{1c}{v} = \frac{v^2 - c}{v}$$

$$y = \frac{-c}{v}x + \frac{v^2 - c}{v}$$

$$y = ax + b$$

$$\frac{c}{v}x + b = 1$$

$$m_{AH} = \frac{c}{c}$$

$$y = \frac{c}{c}x - \frac{c}{c}$$

$$b = -\frac{c}{c}$$

$$\begin{cases} -\frac{c}{v}x + \frac{v^2 - c}{v} = y \\ \frac{c}{c}x - \frac{c}{c} = y \end{cases}$$

$$BC = \sqrt{14 + 9} = 5$$

$$\boxed{5 - 1 = 4}$$

$$\frac{10}{12}x = \frac{c0}{12} \rightarrow x = \frac{v}{10}$$

$$-\frac{c}{v}\left(\frac{v}{10}\right) + \frac{v^2 - c}{v} = y$$

$$-\frac{1c}{10} + \frac{v^2 - c}{v} = y$$

$$\frac{-1c + 10(v^2 - c)}{10} = \frac{c}{10} = \left(-\frac{1}{10}\right) \quad AH = \sqrt{\frac{14}{10} + \frac{49}{10}} = 2.5$$