

$$B \begin{vmatrix} -1 & 1 \\ 1 & -1 \end{vmatrix}, A \begin{vmatrix} 1 & 1 \\ 1 & -1 \end{vmatrix}$$

$$\begin{cases} \frac{1-r-d}{r} = -1 \\ \frac{-1+r}{r} = 1 \end{cases}$$

$$\begin{aligned} \text{No } b' &= \sqrt{(r+4)^2 + (-r-1)^2} \\ &= \sqrt{4r^2 + 1} = 1 \end{aligned}$$

(د)

(5) (4)

$$1 \begin{vmatrix} 1 & 1 \\ 1 & -1 \end{vmatrix}, -1 \begin{vmatrix} 1 & 1 \\ 1 & -1 \end{vmatrix}, -1 \begin{vmatrix} 1 & 1 \\ 1 & -1 \end{vmatrix}$$

(ج)

$$S = \frac{1}{r} \begin{vmatrix} 1 & 1 & 1 \\ -1 & 1 & 1 \\ -1 & -1 & 1 \end{vmatrix} = 9 - 1 + 1 + 1 + 1 + 1 = 9$$

$$\begin{cases} \frac{1-r-1}{r} = -r \\ \frac{1+r-1}{r} = -r \end{cases}$$

(د)

(5) (4)

$$S = 9$$

$$y = \frac{r_2 + 1}{r_1 - r}$$

$$x = \frac{r_2 + 1}{r_1 - r} \rightarrow y = \frac{r_2 + 1}{r_1 - r} \quad (2)$$

$$-y = \frac{r_2 + 1}{r_1 - r} \quad (د)$$

$$y = \frac{-r_2 - 1}{r_1 - r}$$

(5) (4)

$$-x = \frac{-r_2 + 1}{-r_1 - r} \rightarrow y = \frac{1 - r_2}{r_1 + r} \quad (1)$$

$$y = \frac{-r_2 + 1}{-r_1 - r} \quad (ج)$$

$$\begin{aligned} \text{د) } \begin{cases} y' = y + r \rightarrow y = y' - r \\ x' = x - r \rightarrow x = x' + r \end{cases} \rightarrow y' - r = \frac{r_2 + 1}{x' - 1} \rightarrow y' = \frac{r_2 + 1}{x' - 1} + r \end{aligned}$$

(5) (4)

$$\begin{aligned} \text{ج) } \begin{cases} x' = x - r \rightarrow x = x' + r \\ y' = y - r \rightarrow y = y' + r \end{cases} \rightarrow y' + r = \frac{r_2 + 1}{x' - 1} \rightarrow y' = \frac{r_2 + 1}{x' - 1} - r \end{aligned}$$

$$\begin{aligned} 3x + 4y &= 2 \\ x - 4y &= 1 \\ x &= -\frac{\begin{vmatrix} 1 & 2 \\ 1 & -4 \end{vmatrix}}{\begin{vmatrix} 1 & 4 \\ 1 & -4 \end{vmatrix}} = -\frac{1(-1)}{-14 - 4} = -\frac{1}{-18} = \frac{1}{18} \end{aligned}$$

$$y = \frac{\begin{vmatrix} 1 & 1 \\ 1 & 4 \end{vmatrix}}{\begin{vmatrix} 1 & 4 \\ 1 & -4 \end{vmatrix}} = \frac{1-1}{-14-4} = \frac{0}{-18} = -\frac{1}{18}$$

$$\begin{cases} 3x + 4y = 2 \\ x - 4y = 1 \end{cases}$$

$$\begin{aligned} 3x - 14y &= 2 \\ 3x + 4y &= 2 \\ -18y &= 0 \rightarrow y = 0 \\ x &= \frac{1}{18} \end{aligned}$$

(5) (4)

للاس: سه سه روزه کار دست تحویل بکارزار

صحت کلیف: ۱۵

۲۰ در کنار کاغذ: رضعتی

$$\tan = 5x = y_0 = \frac{x}{y} = 5 \text{ (مقدار ثابت کارزار)} \quad (2)$$

$$y - x = 5x \quad (x - t)$$

$$y = 5x \quad x - 5x + y$$

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$$x + y = 1 \quad (2)$$

$$y = -\frac{1}{5}x + 1$$

$$y - x = 5x \quad (x - t)$$

$$y = 5x - 1$$

$$2y + x = 1 \quad (2)$$

$$y = -\frac{1}{2}x + \frac{1}{2}$$

$$y - x = -\frac{1}{2}(x - t)$$

$$y = -\frac{1}{2}x + \frac{1}{2}$$

$$1 - \frac{1}{2}x = \frac{1}{2}$$

$$a = \frac{-\frac{1}{2}}{\frac{1}{2}} = -\frac{1}{2}$$

$$y + x = -\frac{1}{2}(x - t)$$

$$y = -\frac{1}{2}x + \frac{1}{2}$$

$$y = -\frac{1}{2}x + \frac{1}{2}$$

$$\frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2}$$

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$$2x + y = 2, \quad 2x + y = 2$$

$$(2)$$

$$2x + y = 2, \quad 2x + y = 2$$

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$$\frac{1}{2} = \frac{1}{2} \quad \frac{1}{2} = \frac{1}{2}$$

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$$y - x = 5x \quad (x - t)$$

$$\tan \alpha = \frac{1}{2}$$

$$y - x = 5x \quad (x - t)$$