

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

$$\text{No } 6' = \sqrt{(r+4)^2 + (-r-8)^2} \quad (11)$$

$$= \sqrt{4r+16} = 1. \quad (12)$$

$$\begin{cases} \frac{r-d}{r} = -1 \\ \frac{-r+8}{r} = 1 \end{cases}$$

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

$$\begin{cases} \frac{r-r-1}{r} = -r \\ \frac{1+r-1}{r} = -r \end{cases} \quad (13)$$

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

$$\begin{cases} \frac{r-r-1}{r} = -r \\ \frac{1+r-1}{r} = -r \end{cases} \quad (14)$$

$$S = 9r$$

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

$$x = \frac{ry + 1}{ry - r} \rightarrow y = \frac{rx + 1}{rx - r} \quad (15)$$

$$-y = \frac{r_2 + 1}{r_2 - r} \quad (16)$$

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

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$$-x = \frac{-ry + 1}{-ry - r} \rightarrow y = \frac{1 - rx}{rx + r} \quad (18)$$

$$y = \frac{-r_2 + 1}{-r_2 - r} \quad (19)$$

$$\begin{cases} y' = y + r \rightarrow y = y' - r \\ x' = x - r \rightarrow x = x' + r \end{cases} \rightarrow y' = \frac{rx' + 1}{x' - 1} \rightarrow y' = \frac{rx' + 1}{x' - 1}$$

(20)

$$\begin{cases} x' = x - r \rightarrow x = x' + r \\ y' = y - r \rightarrow y = y' + r \end{cases} \rightarrow y' + r = \frac{x' + r}{x'} \rightarrow y' = \frac{r}{x'}$$

$$\begin{cases} rx + 8y = r \\ x - 4y = 1 \end{cases} \rightarrow x = -\frac{\begin{vmatrix} 1 & 8 \\ 1 & -4 \end{vmatrix}}{\begin{vmatrix} r & 8 \\ 1 & -4 \end{vmatrix}} = -\frac{1(-1)}{-4 - (8)} = -\frac{1}{-12} = \frac{1}{12}$$

$$y = \frac{\begin{vmatrix} r & 1 \\ 1 & -4 \end{vmatrix}}{\begin{vmatrix} r & 8 \\ 1 & -4 \end{vmatrix}} = \frac{r - 4}{-4 - 8} = \frac{1}{-12} = -\frac{1}{12}$$

$$\begin{cases} rx + 8y = r \\ x - 4y = 1 \end{cases} \rightarrow rx - 14y = r \\ \frac{rx + 8y = r}{-14y = 1} \rightarrow y = -\frac{1}{14} \\ x = \frac{1}{14}$$

(21)

للاس: سه سهم روده گار دقت تعجب لازم

صحت تکلیف: ۱۵

۱-۳ دانه کاغذی: رضامندی

$$\tan = 5x = y_0 = \frac{\pi}{2} = \text{مقدار مثبت و حاد و حاد و حاد}$$

$$y - x = 5x^2 (x - 1)$$

$$y = 5x^2 x - 5x^2 + 2$$

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

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

$$y - x = 5x^2 (x - 1)$$

$$y = 5x^2 x - 5x^2 + 1$$

$$2y + 2x = 1 \quad (3)$$

$$y = -3x + \frac{1}{2}$$

$$y - x = -3x^2 (x - 1)$$

$$y = -3x^2 x + 3x^2$$

$$1 - \text{الف} \quad 1 - \text{د}$$

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

$$y + x = -1 (x - 1)$$

$$y = -1x + 1 - 1$$

$$y = -1x + 1$$

$$1 - \text{الف} \quad 1 - \text{د}$$

$$\text{مطلوبه: } \frac{|y + 1x - 1|}{\sqrt{1 + 1}} = \sqrt{2}$$

$$= \sqrt{1 + 1} = \sqrt{2} \quad (2)$$

$$2x + 3y = 2, 6x + 4y = 8$$

$$6x + 4y = 8$$

$$(3)$$

$$2x \quad 2x + 3y = 2$$

$$6x + 4y = 8$$

$$6x + 4y = 8$$

$$\Rightarrow 6x + 4y = 8$$

$$\rightarrow 6x + 4y = 8$$

$$\frac{|2x - 3y - 1|}{\sqrt{4 + 9}} = \frac{|2x + 3y - 3|}{\sqrt{9 + 4}}$$

$$\rightarrow |2x - 3y - 1| = |2x + 3y - 3|$$

$$\rightarrow |2x - 3y - 1| = |2x + 3y - 3|$$

$$2x - 3y = 1, 2x + 3y = 3$$

$$(4)$$

$$2x - 3y - 1 = 2x + 3y - 3 \rightarrow x - 3y = -1$$

$$2x - 3y - 1 = -2x - 3y + 3 \rightarrow 4x = 4 \rightarrow x = 1$$

$$y - 2x = d$$

$$a = 2$$

$$y + 2x = 3$$

$$a = -2$$

$$\tan \alpha = \left| \frac{y - (-2)}{1 + (-2)(2)} \right| = \left| \frac{y + 2}{-3} \right| = \left| \frac{y}{-3} \right| = \left| \frac{y}{3} \right|$$

$$\alpha = \frac{\pi}{3}$$

$$(5)$$