

ABD :
 $A(-3, k) \rightarrow m = -\frac{1}{t} : y - k = -\frac{1}{t}(x + 3) \rightarrow y = -\frac{1}{t}x + k - \frac{3}{t} \xrightarrow{(\frac{t}{t})} -x + k = m$

$\Rightarrow S = (AB)^2 : (\sqrt{(t+3)^2 + (m-k)^2})^2 = t^2 + (m-k)^2 = \frac{45}{1}$
 $(-t+k-k)^2 = 0$

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$A(-1, 4) \rightarrow A+C=B+D : -1+t = 3 \rightarrow t = 4$
 $B(3, 1) \rightarrow m_{AB} = \frac{1-4}{3-(-1)} = -\frac{3}{4} \Rightarrow m_{DC} = \frac{4}{3}$
 $C(n, y) \Rightarrow \frac{4}{3} = \frac{y-1}{n-3} \rightarrow -4 = 3y-3 \rightarrow y = -1$
 $D(-1-n, y+3) \Rightarrow P = 2(\sqrt{1^2+9} + \sqrt{\frac{4}{9}+1})$
 $\Rightarrow 2 \times \frac{10}{3} = \frac{10}{3}$

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$\tan 45^\circ = \sqrt{3} = m' : 2mx + (m^2 - 1)y = 2 \rightarrow y = \frac{2 - 2mx}{m^2 - 1}$

$\Rightarrow m' = \frac{-2m}{m^2 - 1} = \sqrt{3} \rightarrow -2m = \sqrt{3}m^2 - \sqrt{3} : \sqrt{3}m^2 + 2m - \sqrt{3} = 0 \rightarrow (m-1)(m+3) = 0$
 $\hookrightarrow m = 1, -3 \pm \sqrt{3}, m = \frac{1}{\sqrt{3}}, -\sqrt{3}$

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$\Rightarrow m_1 - m_2 : \frac{1}{\sqrt{3}} + \sqrt{3} : \frac{1+\sqrt{3}}{\sqrt{3}} = \frac{4}{\sqrt{3}}$

$A(1, 9) \Rightarrow y_{AC} : y - 9 = 2(x - 1) : y = 2x - 7 \rightarrow y - 2x + 9 = 0$
 $B(3, 3) \Rightarrow m = \frac{3-9}{3-1} = -3$

$\Rightarrow d_A \leq y_{AC} : \frac{1-9+18-14}{\sqrt{5}} = \frac{4\sqrt{5}}{5}$

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$B(3, 3) \Rightarrow y - 3 = -\frac{1}{2}(x - 3) : 1x - 2y = -1 \rightarrow 11x = 33$
 $x = 3, y = 1$

$\Rightarrow d_B \leq y_{AC} : \frac{1-9+18-14}{5} = \frac{4}{5} = 0.8$

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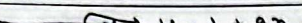
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$$(-\frac{x}{t}, 0) \rightarrow m = \frac{0+x}{-\frac{x}{t}} = -\frac{x}{x} = -1 \quad ; \quad y = -1(n + \frac{x}{t}) \rightarrow y_1 = -1n - y$$

$$\underline{y = n} \quad : -1n - 4 = n \rightarrow 2n = -4 \quad : \underline{n = \frac{-4}{2}} \quad \Rightarrow \quad \begin{array}{|c|} \hline 1 \\ \hline a \end{array} \quad \text{so} = \sqrt{r} a \rightarrow \underline{\frac{r\sqrt{r}}{r}}$$

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$$y_1 = 1 + ax$$

$$y_r = a - 1 + x$$

$$y_b = x$$

$$y_l = 1 - x$$

$$m = m' : a = \frac{1}{a} \rightarrow a = \pm 1$$

$$a = -1 \rightarrow y = -x + 1$$

$$a = 1 \rightarrow y = x - 1$$

$$a = 1 \rightarrow y = x + 1$$

$$y = x$$

$$(1, 2) \text{ و } (1, 0)$$

$$(1, 2) \checkmark$$

$$a = 1$$

$$S_{\Delta \times r} = S_{\square}$$

$$\Rightarrow \frac{\frac{v}{\sqrt{x}} \times \frac{\sqrt{x}}{r}}{v} \times r = \frac{v}{r}$$

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$\rightarrow \alpha_{A \leftarrow y} = \frac{|E-1|}{\sqrt{5}} = \frac{2}{\sqrt{5}}$

$\frac{x}{a} + \frac{y}{b} = 1$, $y = \dots \Rightarrow x-1 = \dots \Rightarrow \frac{x}{a} = 1 \Rightarrow x=a$
 $AC = \frac{a}{1} \therefore \dots = a = \sqrt{a - \frac{a}{1}} = \frac{a}{\sqrt{1}} = a$

$$S = \frac{\frac{2}{\sqrt{5}} \times \frac{9}{\sqrt{5}}}{x} = \frac{18}{x}$$

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$$\left(-\frac{1}{\sqrt{e}}, b\right), \left(-\frac{1}{\sqrt{e}}, a\right) \Rightarrow m = \frac{b-a}{\frac{-1}{\sqrt{e}} - \frac{-1}{\sqrt{e}}} = \frac{b-a}{1} = \sqrt{e} \rightarrow b-a = \frac{\sqrt{e}}{4}$$

$$\Rightarrow d = \sqrt{\left(\frac{1}{r_1} + \frac{1}{r_2}\right) r_1 r_2 (b-a)^2} = \frac{r}{\gamma} \quad \frac{1}{\gamma} = n \Rightarrow \lambda_{\text{eff}} = \sqrt{r} n = \frac{\sqrt{r}}{n}$$

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$$m_L = \frac{r}{2} \rightarrow m_{L'} = \frac{r'}{2}$$

$$L: y = -\frac{\kappa}{F}u - \frac{V_0}{F}$$

$$L: y = \frac{F}{r}u + k$$

$$OA = \omega \quad OL' = \frac{\mu}{\omega} k = \lambda \rightarrow k = \frac{\mu \omega}{\mu}$$

$$\frac{P_d}{1r} u = \frac{-1V_d}{1r} \rightarrow u_B = -V \quad y_B = -1$$

$$-\sqrt{x-1} = V$$

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