

ABCD ⇒ AB || CD → $\frac{FB}{FC} = \frac{AB}{EC} \rightarrow \frac{y-a}{y} = \frac{a}{\frac{r}{2}}$ -y

→ $\frac{1}{r} - \frac{2a}{r} = \frac{y-a}{y} \rightarrow 1 - 2a = 2Fa \rightarrow a = \frac{1}{4} = \frac{r}{4}$

مساحة = $a\sqrt{r} = \frac{r\sqrt{r}}{4}$

$y - ax = 1$ $ay - x = a - 1$ -v

مساحة = $a = \frac{1}{a} \Rightarrow a^2 = \pm 1$

$y = \frac{|c-c'|}{\sqrt{a^2+b^2}} = \frac{\sqrt{r}}{r}$

$a=1 \rightarrow y-x=1 \vee y-x=0 \quad x$

→ $d = \sqrt{x^2+y^2} \Rightarrow (\frac{\sqrt{r}}{r})^2 + x^2 = r^2$

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

$\frac{d}{r} - \frac{1}{r} = \frac{r}{r} \quad \frac{\sqrt{r}}{r} = \frac{\sqrt{r}}{r}$

$S = \frac{r\sqrt{r}}{r} \times \frac{\sqrt{r}}{r} = \frac{r\sqrt{r}}{r} = \sqrt{r}$

مساحة $d = \frac{|c-c'|}{\sqrt{a^2+b^2}} = \frac{r\sqrt{r}}{r} \quad y = -r(x-1) = -rx + r$ -1

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

$\begin{bmatrix} r & -1 & r & 1 \\ 1 & 1 & 1 & -1 \end{bmatrix} \quad S = \frac{1}{r} \times r\sqrt{r} = \sqrt{r}$

$x = \frac{r}{2}, y = \frac{r}{2}$

$(-\frac{1}{r}, b) (-\frac{1}{r}, a) \quad m = \frac{b-a}{-\frac{1}{r} + \frac{1}{r}} = \frac{b-a}{\frac{1}{r}} = r(b-a)$ -1

→ $b-a = \frac{\sqrt{r}}{r} \rightarrow$ مس = $\sqrt{(-\frac{1}{r} - \frac{1}{r})^2 + (b-a)^2}$

→ $\sqrt{(\frac{1}{r})^2 + (\frac{\sqrt{r}}{r})^2} = \frac{1}{r} \quad$ مس = $a\sqrt{r} = \frac{\sqrt{r}}{r}$

مساحة = $r = \sqrt{r^2+r^2} = \sqrt{2}r = d \quad m_{OA} = \frac{r}{r}, m_L = -\frac{r}{r}, m_{L'} = \frac{r}{r}$ -1

$OA \Rightarrow y = \frac{r}{r}x \quad L' \rightarrow y = \frac{r}{r}x + c \quad O L' = r = d \Rightarrow \frac{c}{\sqrt{1+(\frac{r}{r})^2}} = \frac{rc}{d} = d \rightarrow c = \frac{rd}{r}$

$L' \rightarrow y = \frac{r}{r}x + \frac{rd}{r}, L \rightarrow y + r = -\frac{r}{r}(x+r) \rightarrow y = -\frac{r}{r}x - \frac{rd}{r} \rightarrow 17x_B + 11 = -2x_B - 14 \rightarrow 19x_B = -25$

→ $x_B = -\frac{25}{19}$
 $y_B = -\frac{11}{19} + \frac{rd}{r} = 1$
 $x_B \times y_B = \sqrt{r}$

نام زبان کا نوشتی: ریاضی صحیحہ کا کثیف = 17
 کلاس: تیسری جماعت

$$A(-2, k) \quad B(4, m) \quad m = -\frac{1}{r}$$

$$-\frac{1}{r} = \frac{m-k}{4} \rightarrow m-k = -r \rightarrow k-m=r$$

$$AB = \sqrt{(-4-2)^2 + (k-m)^2} = \sqrt{36+9} = \sqrt{45} \quad s = \sqrt{45} \times \sqrt{45} = 45$$

$$A(-1, 4) \quad B(3, 1) \quad C(x, y) \quad D(-1-x, y+r)$$

$$r_A + r_C = r_B + r_D \rightarrow -1+x = 3-1-x \rightarrow x = \frac{5}{r}$$

$$ABCD \rightarrow AB \perp BC \rightarrow m_{AB} = \frac{1-4}{3+1} = -\frac{3}{4} \quad m_{BC} = \frac{r}{r} = \frac{y-1}{\frac{5}{r}-3} \rightarrow y=1$$

$$C(\frac{5}{r}, 1) \quad D(-\frac{4}{r}, 2) \quad AB = \sqrt{r^2+r^2} = d$$

$$BC = \sqrt{r^2+(\frac{5}{r})^2} = \frac{d}{r}$$

$$P_{AB} = r(AB+BC) = r(\frac{1+d}{r}) = (1+d)$$

$$\tan \alpha = \sqrt{r} \rightarrow m \quad \frac{-rm}{m-1} = \sqrt{r} \rightarrow -rm = \sqrt{r}m^2 - \sqrt{r}$$

$$\frac{rm}{m^2-1} + \frac{r}{m^2-1} = y \rightarrow \sqrt{r}m^2 + rm - \sqrt{r} = 0$$

$$\text{انحراف} = \frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{r+12}}{(\sqrt{r})} \times \frac{r\sqrt{r}}{r}$$

$$A(1, 1) \quad B(3, 3) \quad C(7, 11)$$

$$m_{BC} = \frac{11-3}{7-3} = \frac{8}{4} = 2 \quad y-3 = 2(x-3) \rightarrow 2x-3=y$$

$$d = \frac{|2(1)-9-3|}{\sqrt{2^2+1^2}} = \frac{10}{\sqrt{5}} = \frac{10\sqrt{5}}{5} = 2\sqrt{5}$$

$$AB: ry + 4x = 4$$

$$BC: ry - 2x = -11$$

$$11x - 2r \rightarrow x = \frac{2}{r}, y = 1$$

$$BH = \frac{|4y - 2x - 11|}{\sqrt{4}} = \frac{|4-9-11|}{\sqrt{4}} = \frac{-16}{2} = -8$$