

$$\left(\frac{y}{2}, \frac{1-y}{2}\right) \rightarrow (3, 1) \quad \frac{\Delta y}{\Delta x} = \frac{1-(-y)}{2-1} = \frac{1+y}{1} \rightarrow -V \text{ معلوم } \frac{1}{V}x + \frac{1}{V} = y \quad -1$$

$$\frac{V-2}{-2-(-1)} = \frac{1}{2} \rightarrow -\frac{V}{2}x + \frac{1}{2} = \frac{1}{2}x + \frac{1}{2} \rightarrow x=1 \rightarrow \sqrt{1+V^2} = \sqrt{1+4} = \sqrt{5} \quad -2$$

$$-9x+29 = 14x+21 \rightarrow 25x=8 \rightarrow BC \Rightarrow \sqrt{1+V^2} = \sqrt{1+4} = \sqrt{5}$$

$$AH = \frac{|ax^2+bx+c|}{\sqrt{a^2+b^2}} = \frac{|-y+21-21|}{\sqrt{1+4}} = \frac{0}{\sqrt{5}} = 0 \quad -3$$

$$y = x+V \quad y = \frac{1}{2}x + \frac{1}{2} \rightarrow y-x-V=0 \quad \frac{|y|}{\sqrt{1}} \times \frac{1}{2} = \frac{V}{\sqrt{4}} \quad -3$$

$$x = \frac{1}{2} \Rightarrow y = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$(1,2) (1,1) \rightarrow (3,2) \quad \frac{\Delta y}{\Delta x} = \frac{2-1}{3-1} = \frac{1}{2} \rightarrow x-2 = -x+2 \rightarrow x=2 \quad -4$$

$$(2,2) (1,2) \rightarrow (3,2) \quad \sqrt{(0,2)^2 + (0,2)^2} \rightarrow \sqrt{\frac{1}{4} + \frac{1}{4}} \rightarrow \sqrt{\frac{1}{2}} \rightarrow \frac{1}{\sqrt{2}} \times \frac{\sqrt{2}}{\sqrt{2}} = \frac{1}{2}$$

$$\frac{-2m+2}{2-m} \quad \frac{m+1}{2m-1} \quad \Delta < 0 \quad x$$

$$\downarrow \frac{-m+2}{2m-1} = \frac{m+1}{2m-1} \rightarrow (2m-1)/(m+1) = 2m^2+m-2+2m^2-1+2m+1=0$$

$$(2m-1)(-m+2) = -2m^2+1+2m-1=0 \quad \Delta m^2-12m+11=0$$

$$y = \frac{-x+2}{2} \quad \frac{-x+2}{2} - 2x-1 \rightarrow -x+2 = 4x-2 \rightarrow x=1 \quad (1,1)$$

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

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

$$\frac{y+\frac{1}{2}x}{\sqrt{\frac{1}{4}}} = \frac{x}{\sqrt{1}} = \sqrt{1} \quad \frac{2x}{\sqrt{1}} \times \frac{\sqrt{1}}{\sqrt{1}} = \frac{2x}{1} \rightarrow y = -\frac{1}{2}x+2 \rightarrow 2$$

$$-\frac{1}{2}x+2=0 \rightarrow x=4 \rightarrow \sqrt{1+1} = \sqrt{2}$$

$$(-\frac{m}{2}, 0), (-\frac{2}{1-m}, 0) \quad m^2-4m+4=0 \quad m=2 \quad -1 \times 2 = -2$$

$$\frac{m}{2} + \frac{-2}{1-m} = \frac{1}{2} \rightarrow m^2+4m+4=0 \quad m=-2$$

$B(\tilde{V}, \tilde{V})$

-9

$$x_A = \frac{x_B + x_{B'}}{\tilde{V}} \Rightarrow \frac{\tilde{V} + x_{B'}}{\tilde{V}} = \tilde{V} \rightarrow x_{B'} = 1$$

$(\tilde{V}, -\tilde{V})$
 $(1, -\tilde{V})$

$$y_A = \frac{y_B + y_{B'}}{\tilde{V}} \Rightarrow \frac{+\tilde{V} + y_{B'}}{\tilde{V}} = -\tilde{V} \rightarrow y_{B'} = -\tilde{V}$$

$$y = \tilde{V}x - 9$$

$$m_{AA'} = -1 \rightarrow y - 1 = -x + 1$$

-10

$$y = -x + 2$$

$$y = x + 1 \quad \left\{ \begin{array}{l} y = -x + 2 \\ y = x + 1 \end{array} \right. \rightarrow (-1, 1)$$

$$x_B = \frac{x_A + x_{A'}}{\tilde{V}} \Rightarrow -1 = \frac{1 + x_{A'}}{\tilde{V}} \rightarrow -\tilde{V}$$

$(-\tilde{V}, 1)$

$$y_B = \frac{y_A + y_{A'}}{\tilde{V}} \Rightarrow 1 = \frac{+\tilde{V} + y_{A'}}{\tilde{V}} \rightarrow y$$