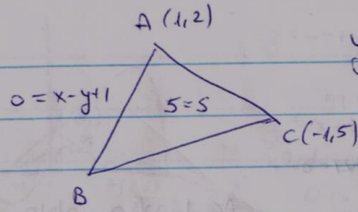


3.89  
k8



$$y - 2 = \frac{3}{-2}(x - 1) \quad \text{:AC n'k'nd}$$
$$3x + 2y = 7 \quad \text{AB - n' c'nd}$$
$$h = \frac{|1 - 5 + 1|}{\sqrt{2}} = \frac{3}{\sqrt{2}}$$

$$s = \frac{AB \cdot h}{2} = \frac{\frac{3}{\sqrt{2}} AB}{2} \rightarrow AB = 2\sqrt{2}$$

$$B(t, t+1) \quad \text{, n'k'nd}$$

$$2\sqrt{2} = AB = \sqrt{(t-1)^2 + (t-1)^2}$$

$$8 = 2t^2 - 4t + 2 \rightarrow t^2 - 2t - 3 = 0$$

$$t = 3 \rightarrow B(3, 4)$$

$$t = -1 \rightarrow B(-1, 0)$$

$$y - 4 = \frac{1}{-4}(x - 3)$$
$$x + 4y = 19$$

$$\text{kin BC n'k'nd } t = 3 \quad \text{n'k'nd}$$

$$x = -1 \quad \text{kin BC n'k'nd } t = -1$$