

4.23
109

(2,2) ה' מרחקו ממך $y = mx + n$ זהו המרחק

$$\left\{ \begin{array}{l} |1 - n| \\ \sqrt{1+m^2} \end{array} \right. \rightarrow \sqrt{1+m^2} = |n|$$

.1 ה'10

$$\left\{ \begin{array}{l} |2-2m-n| \\ \sqrt{1+m^2} \end{array} \right. \rightarrow \sqrt{1+m^2} = |2-2m-n|$$

$$\left\{ \begin{array}{l} \sqrt{1+m^2} = -n \\ \sqrt{1+m^2} = 2-2m-n \end{array} \right. \quad : \text{פ' נכנס}$$

$$\left\{ \begin{array}{l} \sqrt{1+m^2} = n \\ \sqrt{1+m^2} = 2-2m-n \end{array} \right. \quad : \text{ה' נכנס}$$

$$-n = 2-2m-n$$

$$n = 2-2m-n$$

$$\left. \begin{array}{l} m=1 \\ n=\sqrt{2} \end{array} \right\} \boxed{y = x + \sqrt{2}}$$

$$\boxed{n = 1 - m}$$

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$$\sqrt{1+m^2} = 1-m$$

$$\sqrt{1+m^2} = n \quad : \text{ה' נכנס}$$

$$1+m^2 = 1-2m+m^2$$

$$\sqrt{1+m^2} = -(2-2m-n)$$

$$\left. \begin{array}{l} m=0 \\ n=1 \end{array} \right\} \boxed{y = 1}$$

$$m=1, n=\sqrt{2} \rightarrow \boxed{y = x + \sqrt{2}}$$

3. ה'109

.1 מרחקו (2,2) ה' ממך $x=1$ זהו, $x=C$ זהו זהו זהו זהו