1.54
1.1

$$\begin{cases} x^2+2xy+y^2=\frac{9}{4} \\ x^2-4xy+y^2=-\frac{3}{4} \end{cases}$$

נציב $x=yt$

$$\begin{cases} y^2t^2+2y^2t+y^2=\frac{9}{4} \\ y^2t^2-4y^2t+y^2=-\frac{3}{4} \end{cases}$$

$$\begin{cases} y^2(t^2+2t+1)=\frac{9}{4} \\ y^2(t^2-4t+1)=-\frac{3}{4} \end{cases}$$

נחלק את המשוואות כדי לקבל y

$$\frac{t^2+2t+1}{t^2-4t+1}=-3$$

$$t^2+2t+1=-3t^2+12t-3$$

$$4t^2-10t+4=0$$

$t=2 \to y=\pm\frac{1}{2} \to (1,\frac{1}{2}) \quad (-1,-\frac{1}{2})$

$t=\frac{1}{2} \to y=\pm 1 \to (\frac{1}{2},1) \quad (-\frac{1}{2},-1)$