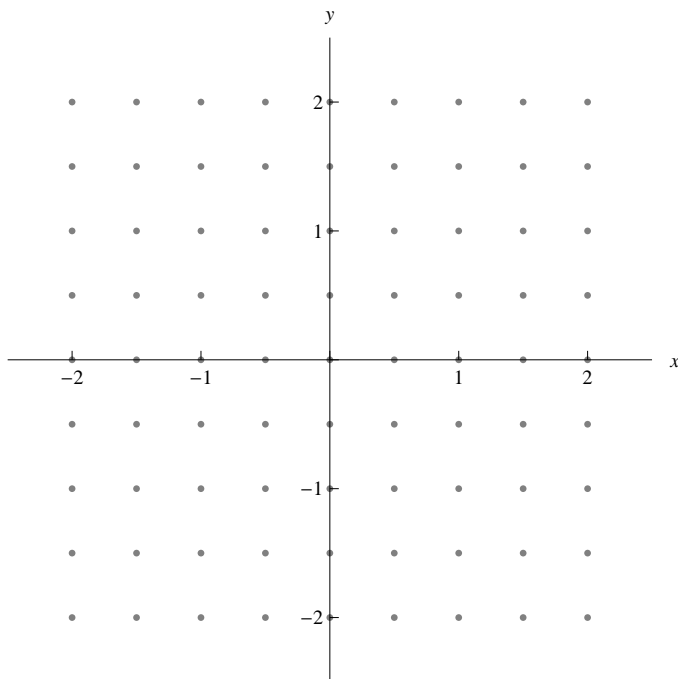


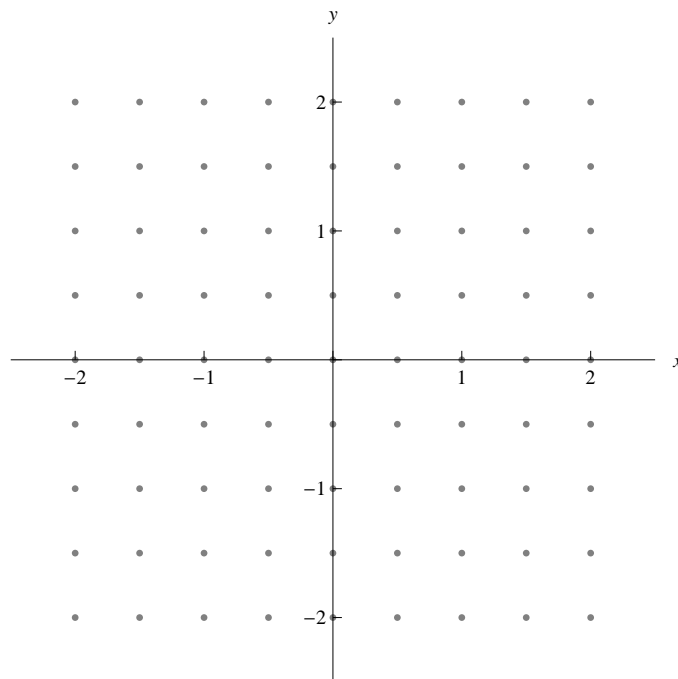
Vector field plots

For each of the following, use the given grid to sketch the given vector field \vec{F} for the region with $-2 \leq x \leq 2$ and $-2 \leq y \leq 2$. Plot an output for each of the points provided on the grid.

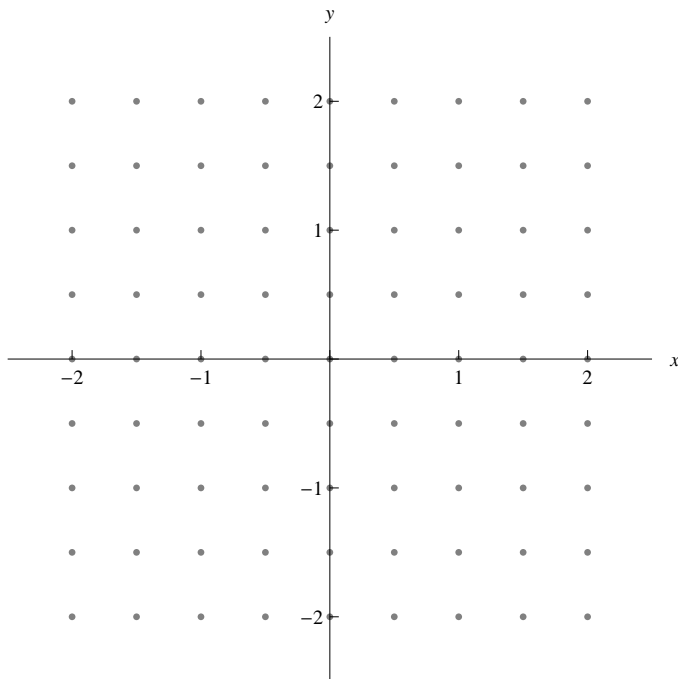
1. $\vec{F} = x\hat{i} + 0\hat{j}$



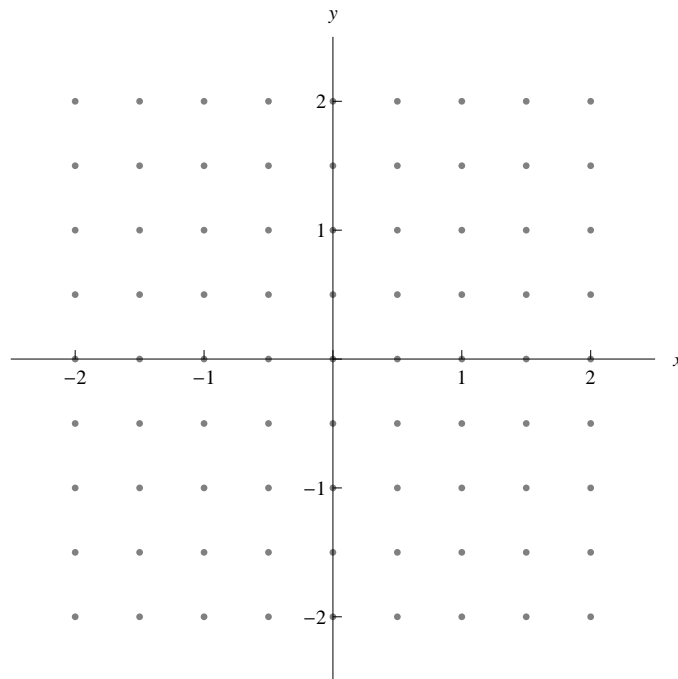
2. $\vec{F} = y\hat{i} + 0\hat{j}$



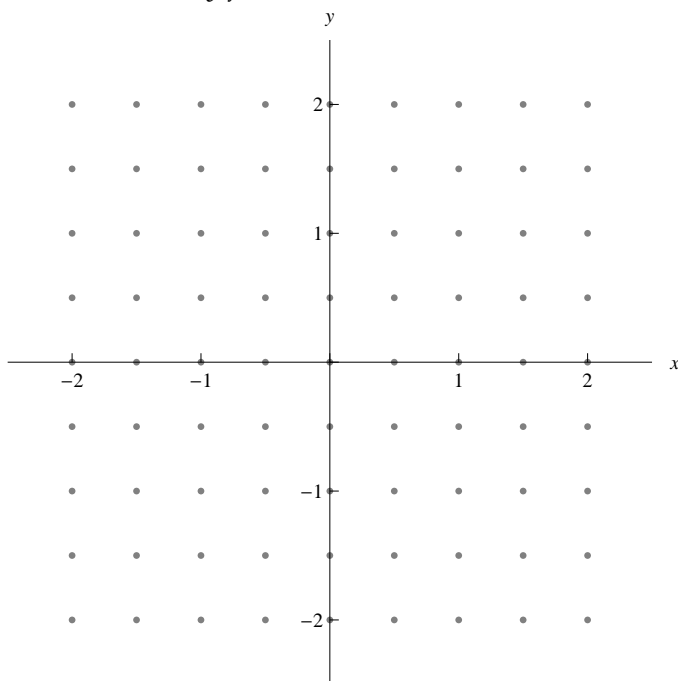
3. $\vec{F} = 0\hat{i} + x\hat{j}$



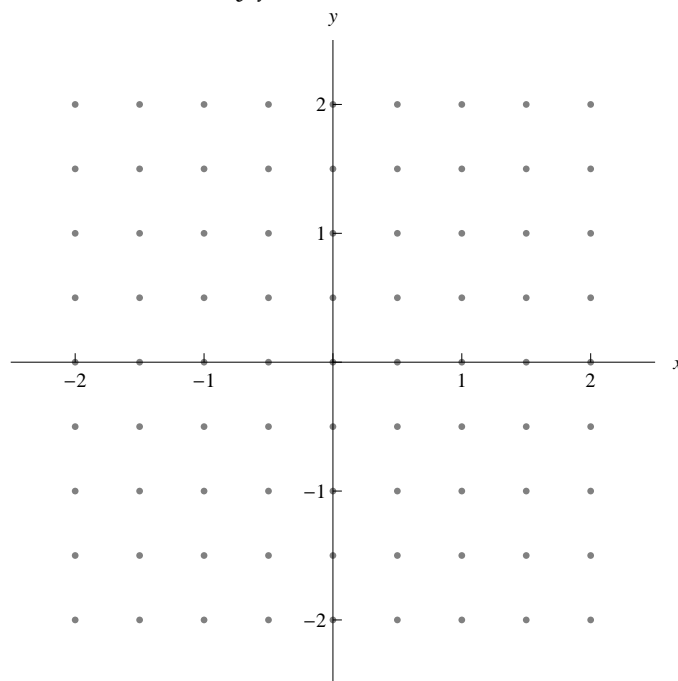
4. $\vec{F} = 0\hat{i} + y\hat{j}$



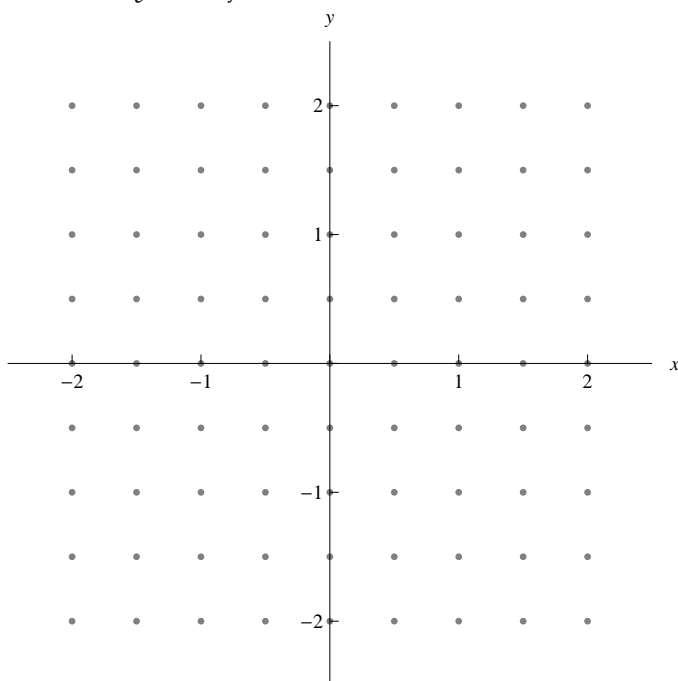
5. $\vec{F} = x\hat{i} + y\hat{j}$



6. $\vec{F} = -x\hat{i} - y\hat{j}$



7. $\vec{F} = y\hat{i} - x\hat{j}$



8. $\vec{F} = -y\hat{i} + x\hat{j}$

