1 Vector Sketch (Rectangular Coordinates)

Sketch each of the vector fields below.

(a) $\vec{\boldsymbol{F}} = -y\,\hat{\boldsymbol{x}} + x\,\hat{\boldsymbol{y}}$

(b) $\vec{\boldsymbol{G}} = x\,\hat{\boldsymbol{x}} + y\,\hat{\boldsymbol{y}}$

(c) $\vec{\boldsymbol{H}} = y\,\hat{\boldsymbol{x}} + x\,\hat{\boldsymbol{y}}$