1. 

(a) For each vector field $\overrightarrow{\boldsymbol{F}}$ shown below, sketch a curve for which the integral $\int_{C} \overrightarrow{\boldsymbol{F}} \cdot d \overrightarrow{\boldsymbol{r}}$ is positive.
(b) For which of these vector fields is it possible to choose your curve to be closed?





