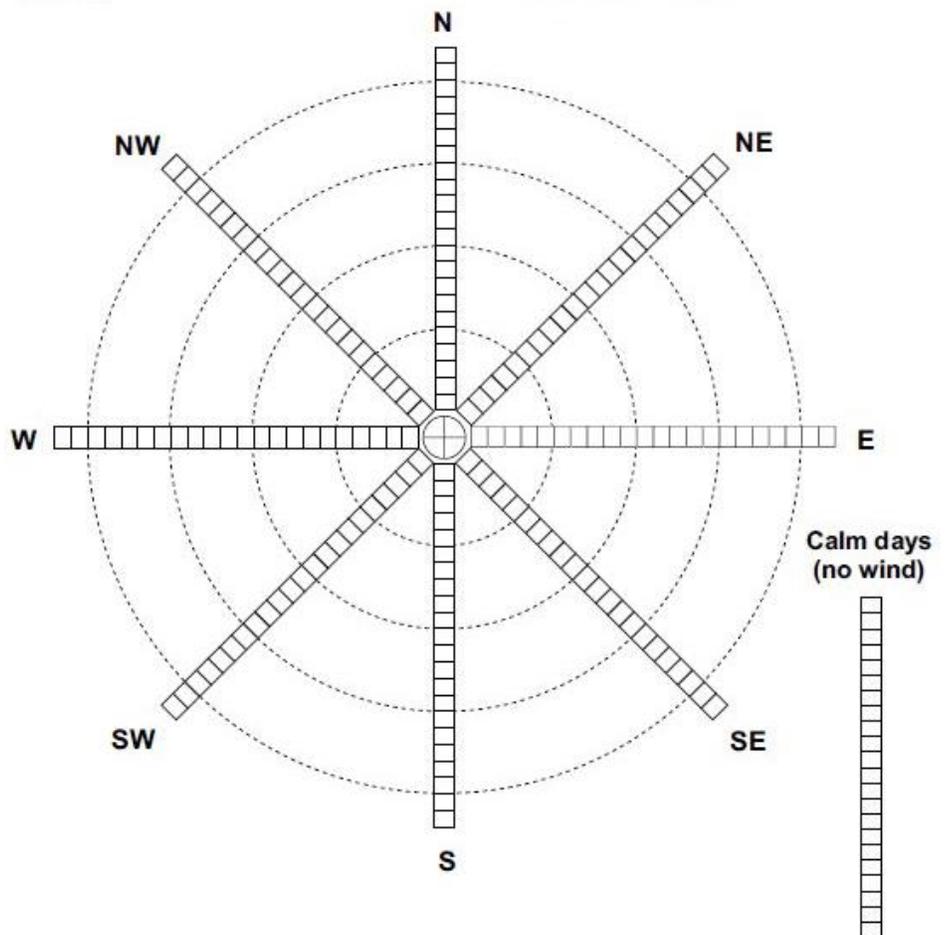


PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

1. You are designing an airport layout. You have the following data regarding the winds in the area (wind *frequency* was measured, that is *how often a wind from a certain direction was observed*; no data for wind speed is available):

N	17 %
NE	11 %
E	6 %
SE	3 %
S	10 %
SW	7 %
W	15 %
NW	22 %
Calm	9 %
Total	100 %



QUESTIONS:

a) Create the WIND ROSE by filling in the template above
 (make one box equal to 1%, zero is at the center; extend outwards if needed)

b) Which direction would you choose for the primary runway?