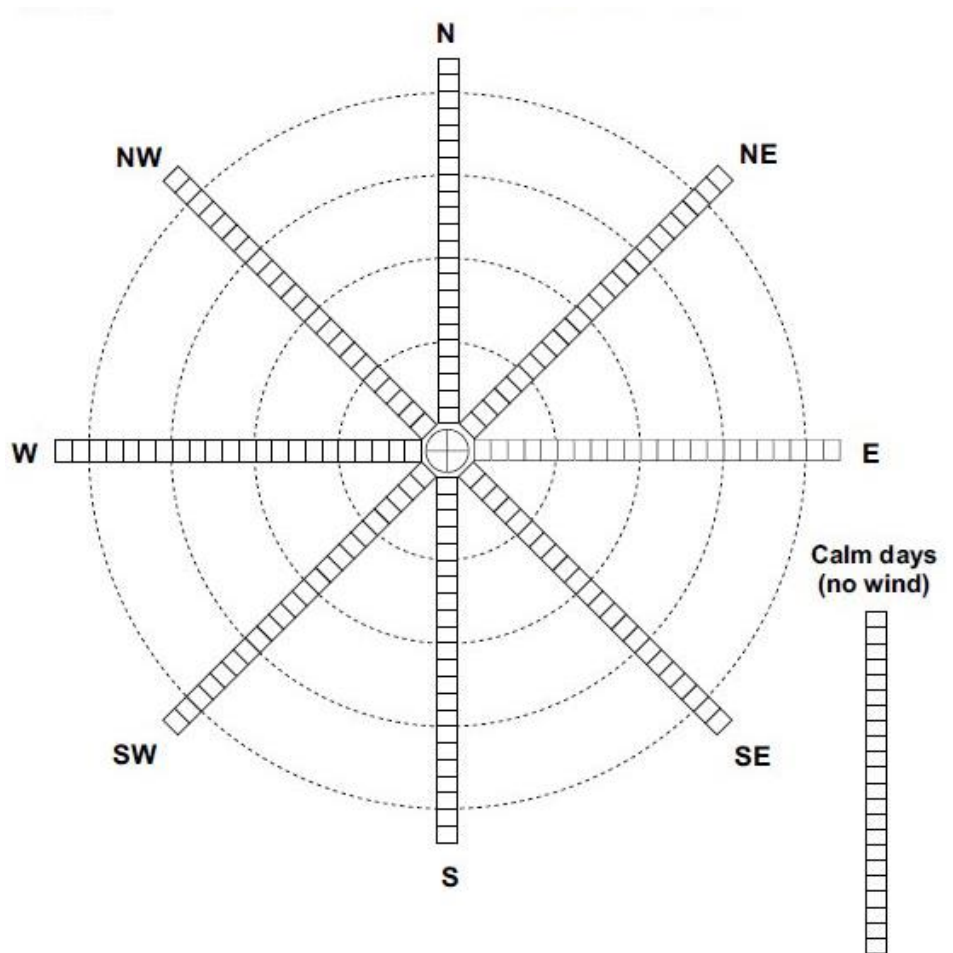


NAME:

- 1. Reading Material:** on the school website, on our class homework page, find and study “Atmospheric Fronts”.
- 2. Imagine yourself 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 %
<b>Total</b>	<b>100 %</b>



**QUESTIONS:**

a) **Create the wind rose** using the template → (one box is equal to 1%, zero is at the center; extend outwards if needed)

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