_____
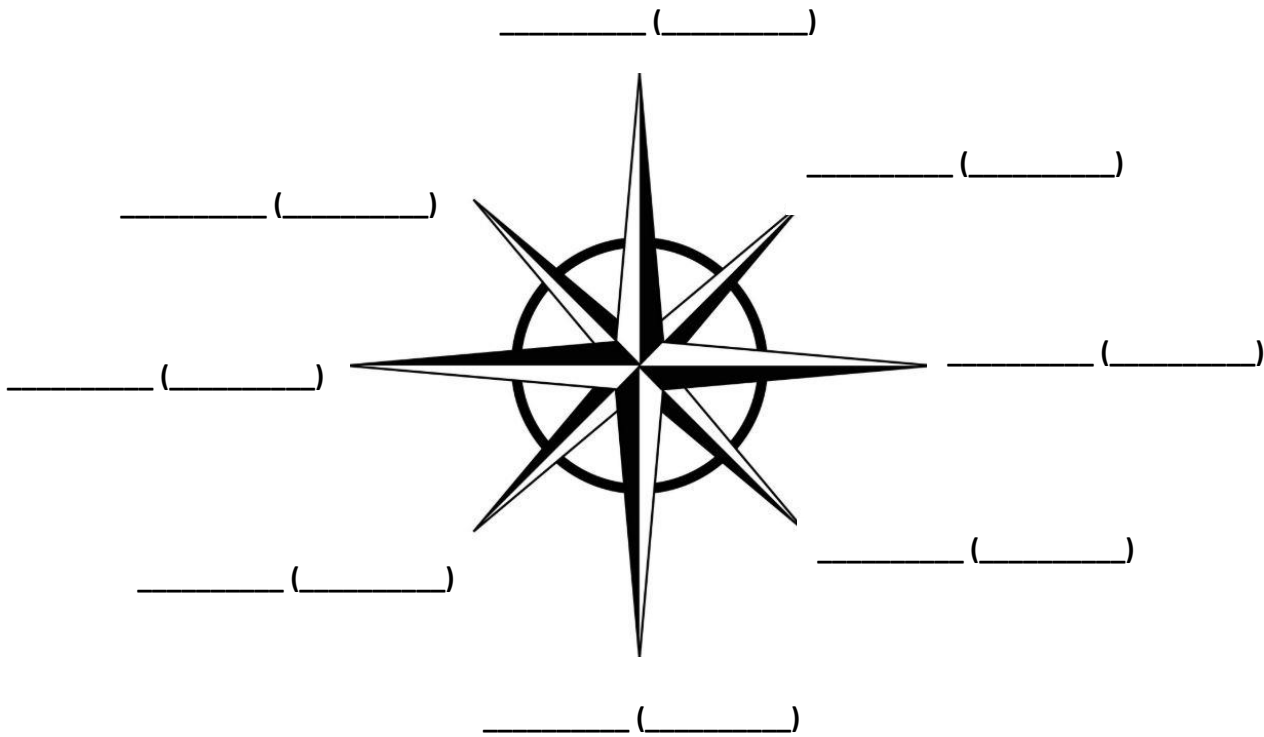
1. Complete the following Compass Rose by stating the **direction** in the blank and **bearing** measure in brackets. [4]

_____ (_____)

_____ (_____)

_____ (_____)

_____ (_____)

_____ (_____)

_____ (_____)

_____ (_____)

_____ (_____)

2. For each of the following scales… [8]
   - convert the measurement into meters.
   - determine the given measurement.

a) 1:25 000 → 1 cm on the map is equal to _____ meters on the ground

   A distance of 3.2 cm on the map would be equivalent to _____ **meters**.

b) 1:10 000 → 1 cm on the map is equal to _____ meters on the ground

   A distance of 15 cm on the map would be equivalent to _____ **kilometers**.

c) 1:5000 → 1 cm on the map is equal to _____ meters on the ground

   A distance of 2 cm on the map would be equivalent to _____ **meters**.

3. Using the given map, determine the **Distance** and **Bearing** for each of the following… [10]

ROUTE	Distance (meters)	Bearing
A → B		
B → C		
C → D		
D → E		
E → D		
D → F		
F → G		
G → H		
H → I		
I → A		
TOTAL DISTANCE TRAVELLED (Kilometers)		