

FULL NAME: _____

STATION MODEL LAB

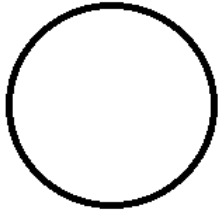
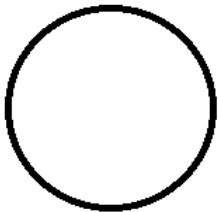
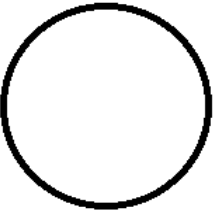
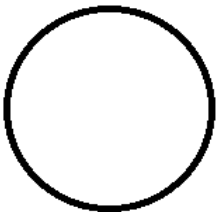
Part 1: Below you will find weather data for 7 cities in the United States. Using the information provided construct a station model of each city. ***Where necessary be sure to convert from EC to EF and from inches of Hg to millibars.***

	CITY A:	CITY B:	CITY C:
Visibility	1/2 mile	unlimited	1/4 mile
Cloud cover	75%	100%	100%
Present weather	none	thunderstorms	smog
Wind direction	SE	SW	NW
Wind speed (knots)	5	10	15
Barometric trend	down 1.6 mb	steady	down 1.8 mb
Barometric pressure	30.15 in	30.00 in	29.71 in
Precip. (past 6 hrs)	none	1.5	0.75
Temperature	22EC	18EC	-4EC
Wet bulb Temp.	21EC	15EC	-4EC

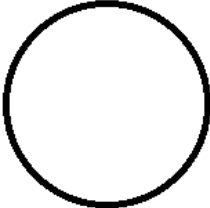
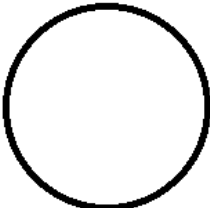
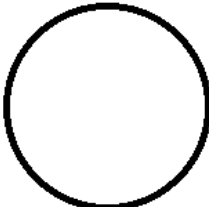
	CITY D:	CITY E:	CITY F:
Visibility	unlimited	unlimited	unlimited
Cloud cover	75%	50%	100%
Present weather	none	none	drizzle
Wind direction	NE	W	none
Wind speed (knots)	5	25	calm
Barometric trend	down 0.4 mb	up 1.3 mb	up 4.2 mb
Barometric pressure	29.53 in	28.91 in	28.73 in
Precip. (past 6 hrs)	none	none	0.5
Temperature	4EC	12EC	-10EC
Wet bulb Temp.	-2EC	8EC	-12EC

	CITY G:
Visibility	5 miles
Cloud cover	100%
Present weather	rain showers
wind direction	SE
wind speed (knots)	15
Barometric trend	down 1.3 mb
Barometric pressure	30.42 in
Precip. (past 6 hrs)	0.25
Temperature	28EC
Wet bulb Temp	26EC

Draw Station Models:

<p>City A</p> 	<p>City B</p> 
<p>City C</p> 	<p>City D</p> 

Draw Station Models:

<p>City E</p> 	<p>City F</p> 
<p>City G</p> 	<p>Draw a picture of your lab partner.</p> 