



Homework-1

Student Name: _____

Grade: $\frac{\quad}{5}$

1- Write the X and Y coordinates of the points shown in Figure 1.

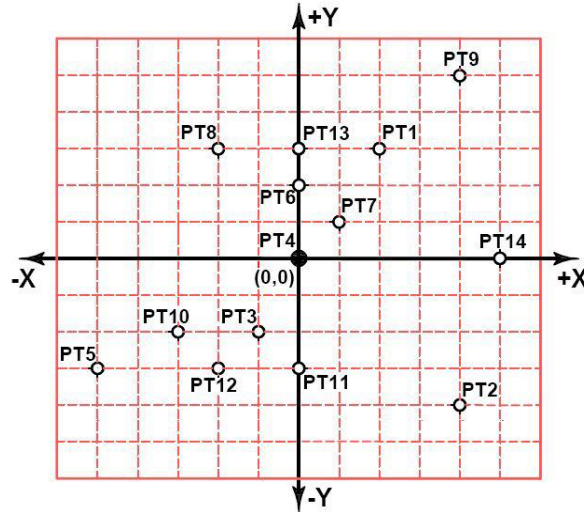


FIGURE 1

| POINT | Absolute Coordinates | | Incremental Coordinates | |
|-------|----------------------|---|-------------------------|---|
| | X | Y | X | Y |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |



3- Find the absolute X and Y coordinates that must be input for drilling *hole 2* shown in **Figure 1-2**. [*Hint: use right -triangle to find the X and Y*]

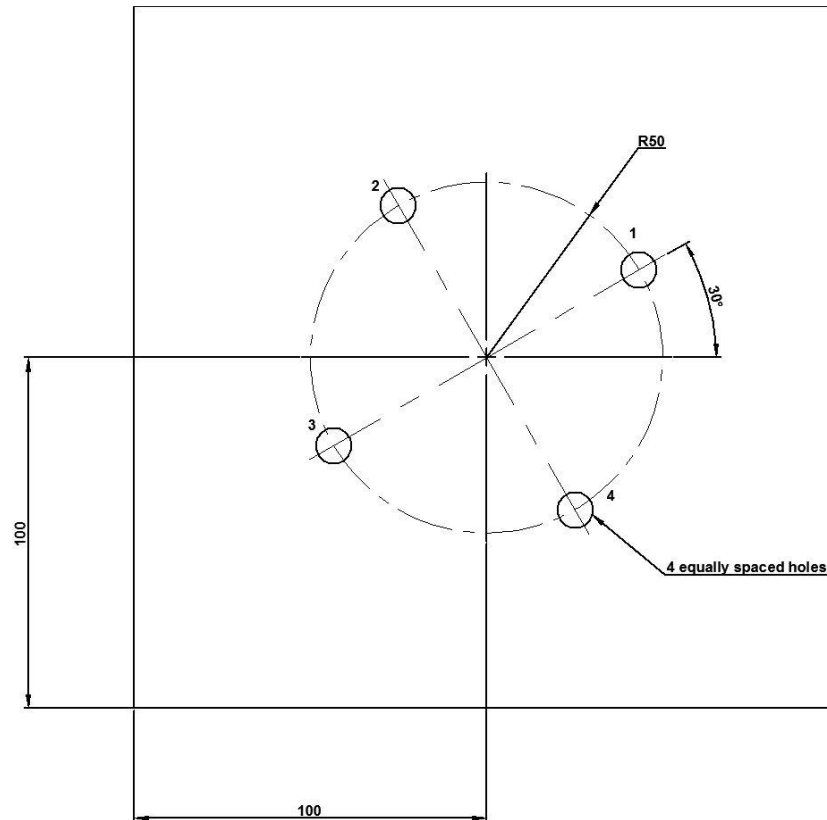


FIGURE 1-2