

Sample1from design 1

Cartesian: x:20; y:30

"You entered:

Stored as Cartesian (20.0,30.0)

After asking to store as Cartesian:

Stored as Cartesian (20.0,30.0)

After asking to store as Polar:

Stored as Polar [36.05551275463989,56.309932474020215]"

Sample 2

Polar : rho:20 theta:30

"You entered:

Stored as Polar [20.0,30.0]

After asking to store as Cartesian:

Stored as Cartesian (17.320508075688775,9.999999999999998)

After asking to store as Polar:

Stored as Polar [20.0,29.99999999999993]"

### **Test 1 with design 2**

Enter the value of CRHO using a decimal point(.): 20

Enter the value of CTHETA using a decimal point(.): 30

You entered:

Stored 20.0,30.0

After asking to store as Catersian:

Stored 17.320508075688775,9.999999999999998

\*\*\* same results with 2

### **Test1 with design 3**

You entered:

Stored 20.0,30.0

After asking to store as Cartesian:

Stored 20.0,30.0

After asking to store as Polar:

Stored 36.05551275463989,56.309932474020215

\*\*\* same result with sample 1