Flowchart for Horizontal line:

Yes

no

X<=x2

Draw(x,y)

X=x+1

X=x1,y=y1

Input x1,y1,x2,y2

Flowchart for Vertical line:

Yes

no

y<=y2

Draw(x,y)

y=y+1

X=x1,y=y1

Input x1,y1,x2,y2

Flowchart for Direct line drawing algorithm:

Yes

no

X<=x2

Draw(x,y)

X=x+1

X=x1,y=y1

Input x1,y1,x2,y2

Yes

no

X<=x2

Draw(x,y)

X=x+1

X=x1,y=y1

Input x1,y1,x2,y2