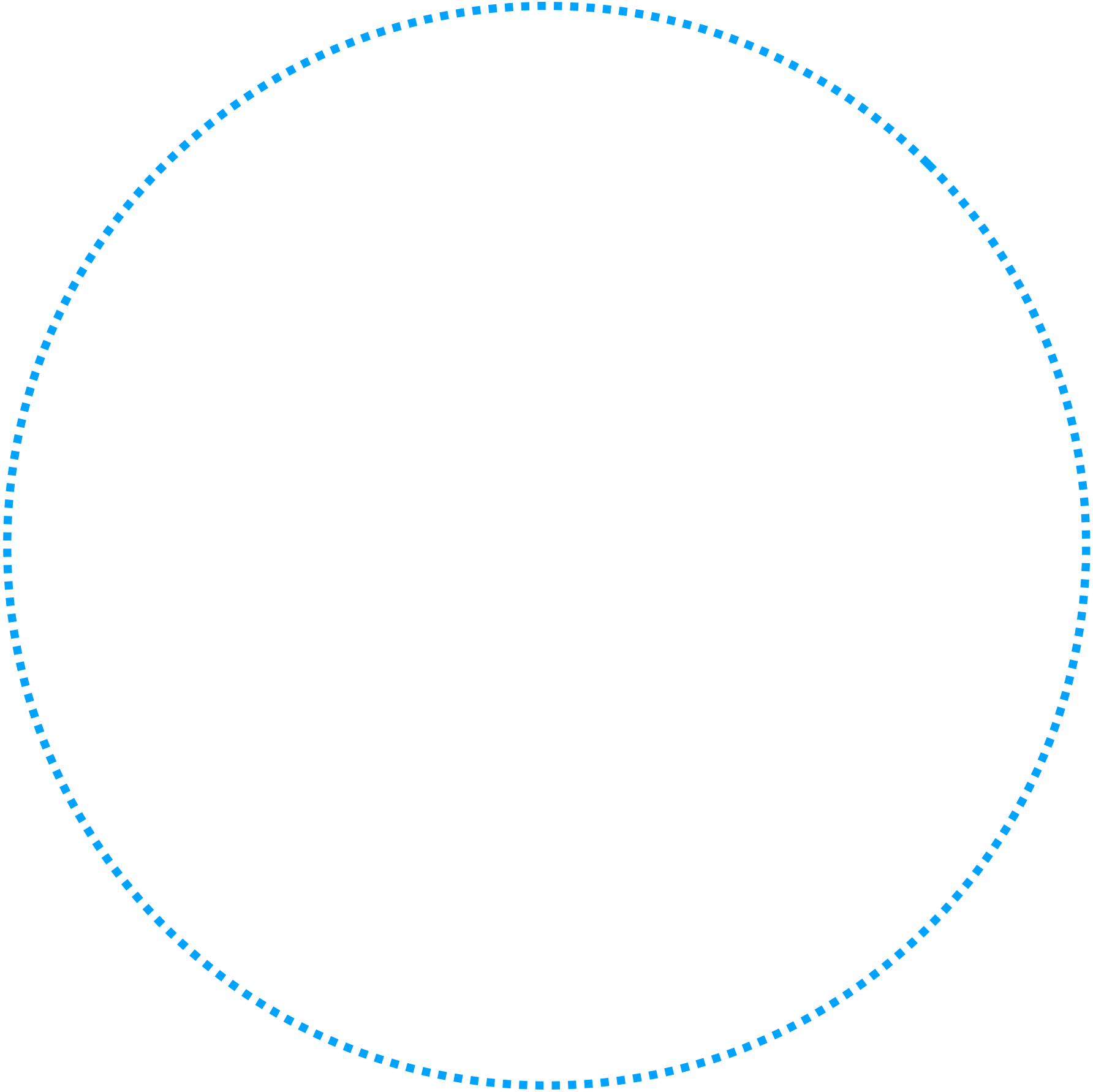
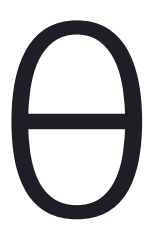
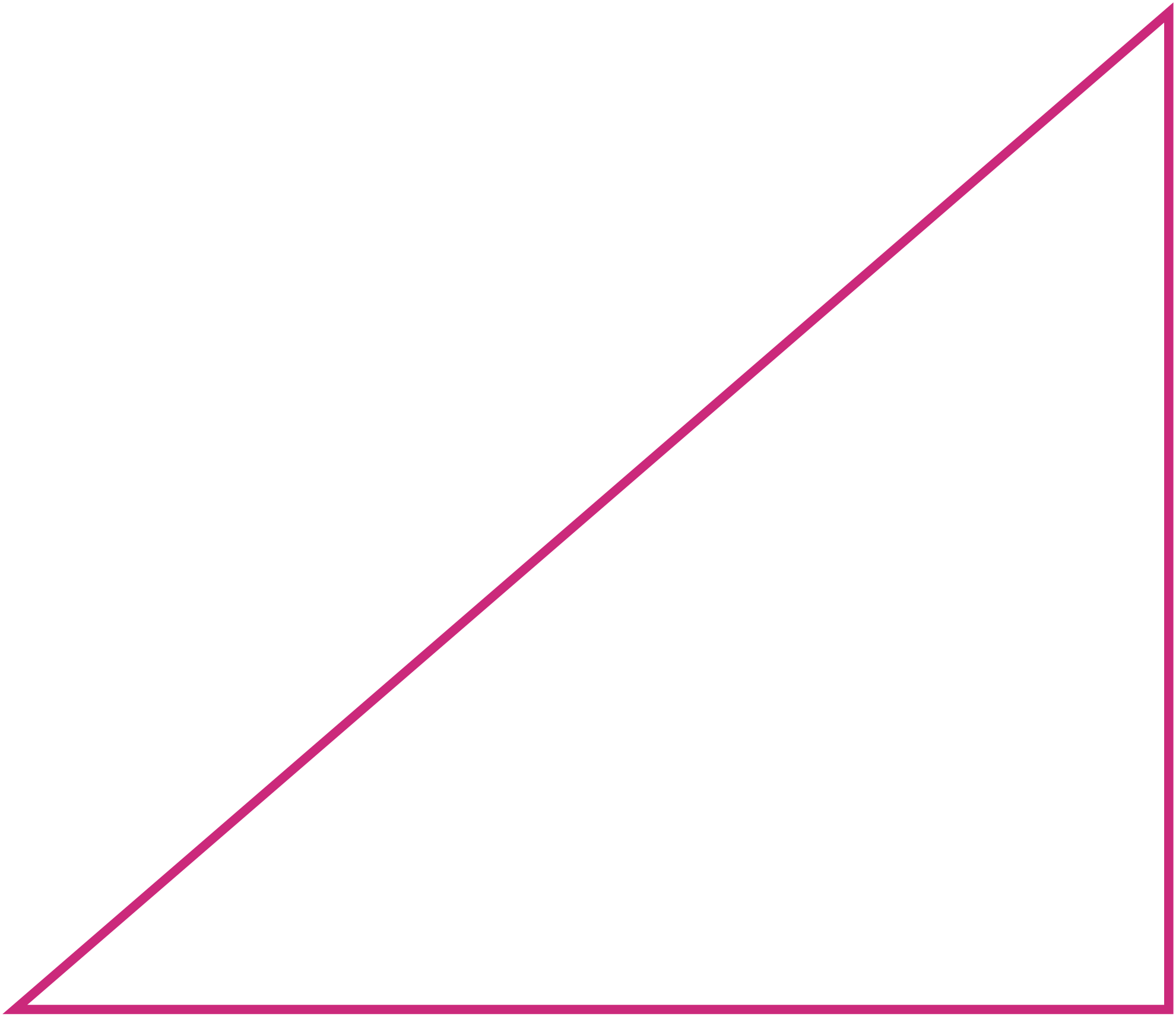


Polar Coords!

endX, endY

startX, startY





$r \sin(\theta)$


r cos(θ)

$$endX = startX + r * \sin(\theta)$$

endY = startY + r*cos(θ)

π/2 or 90°

π or 180°

Grid + Angles

$//\pi/4 = 45°$

```
// in drawGrid(...)
```

```
val r = 50f
```

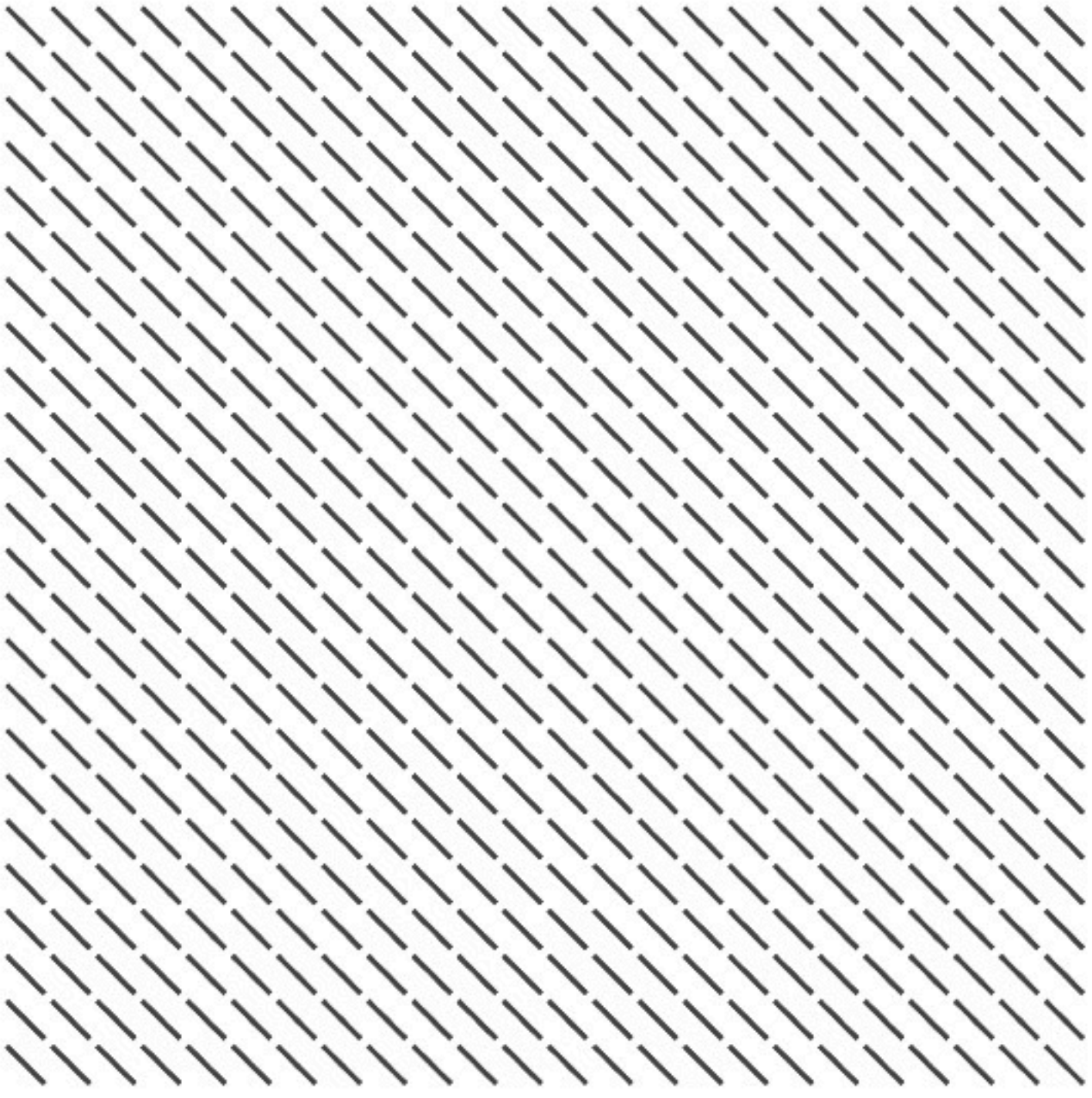
```
val endY = startY + (r * cos(PIf/4))
```

```
start = Offset(startX, startY),
```

```
val endX = startX + (r * sin(PIf/4))
```

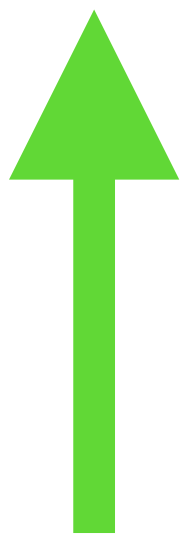

drawLine(

```
end = Offset(endX, endY),
```



line’s end Offset

What we need for



radian = degree * π/180°

θ = radians