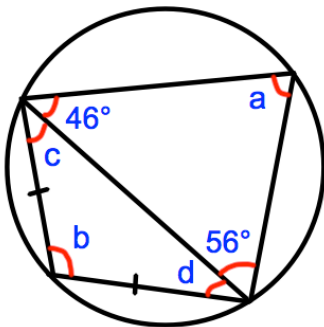


On the grid, clearly indicate the region that satisfies all these inequalities.

$x \geq 2$

$y \geq 1$

$x + y \leq 4$



Find a

Find b

Find c

Find d

C is directly proportional to the square root of y.

When  $C = 12.8$ ,  $y = 16$ .

Express C in terms of y.

Find C when  $y = 400$