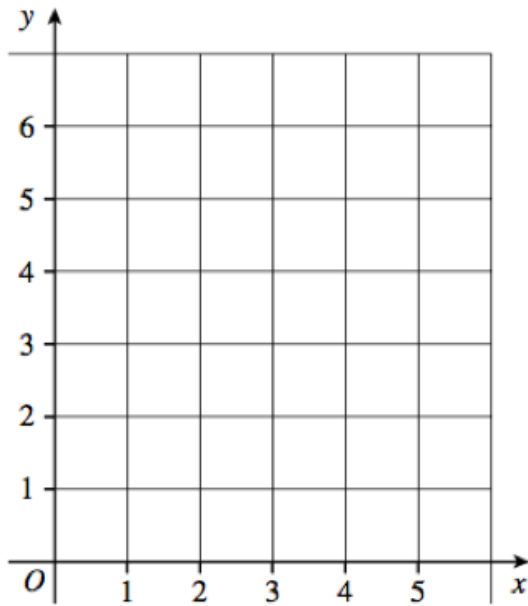


7th June

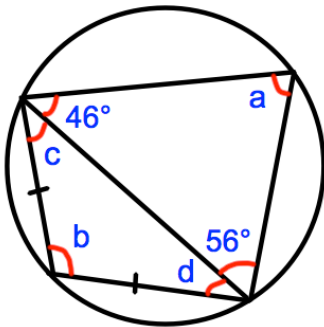


Corbettmaths



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

(a) Express C in terms of y.

(b) Find C when  $y = 400$