

## Answer on Question # 48302, Math, Calculus

### Task:

Determine the feasible space for the following constraint such that  $x$  and  $y$  are

$$\begin{cases} x \geq 0 \\ y \geq 0 \\ -3x + y \geq 6 \end{cases}$$

### Solution:

$$\begin{cases} x \geq 0 \\ y \geq 0 \\ -3x + y \geq 6 \end{cases}$$

if  $x \geq 0$  so we have that  $y \geq 3(x + 2)$

### Answer:

$$\begin{cases} x \geq 0 \\ y \geq 3(x + 2) \end{cases}$$