$$P \leq \# 12$$

$$D = I = \int_{10}^{15} \int_{10}^{1$$

= 60937.5

Find limits: 
$$y=51=3x^{2}+3=3x^{2}=48$$
 $x^{2}=16$ 
 $x=16$ 
 $x=16$ 



