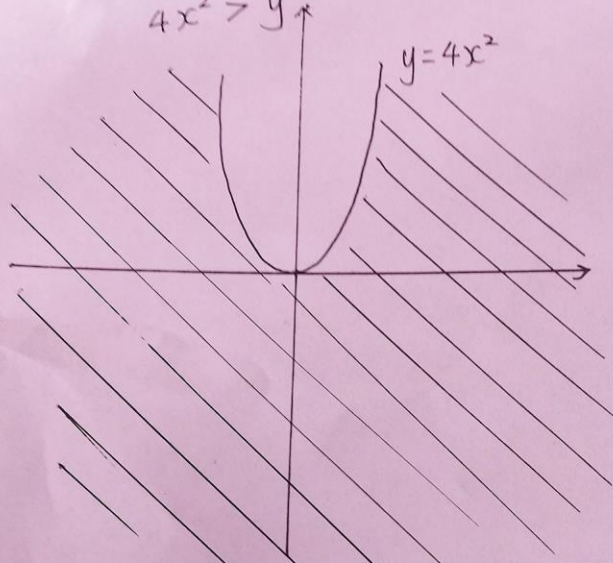


7.

$$4x^2 - y > 0$$

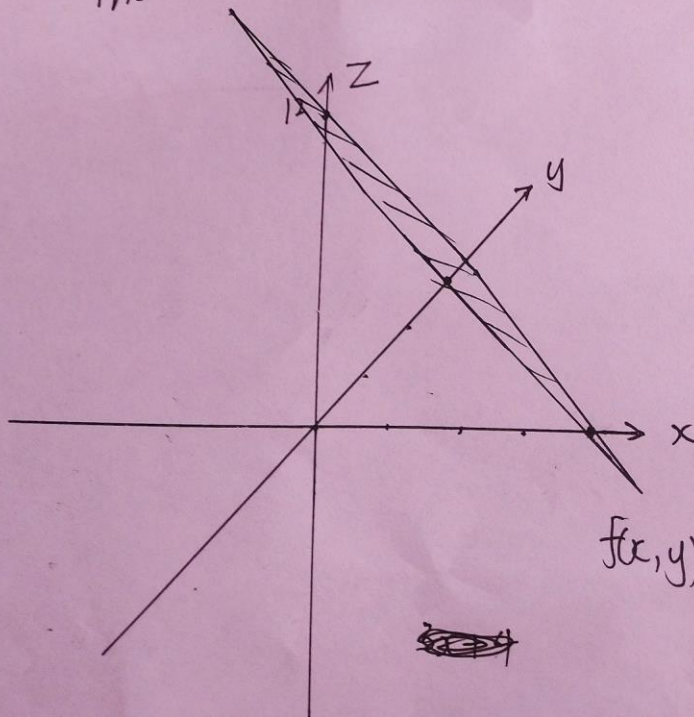
$$4x^2 > y$$

$$y = 4x^2$$



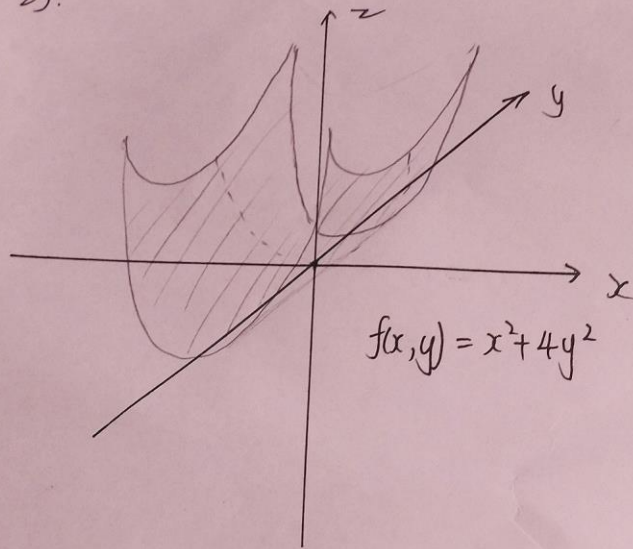
The shaded is the domain

21.

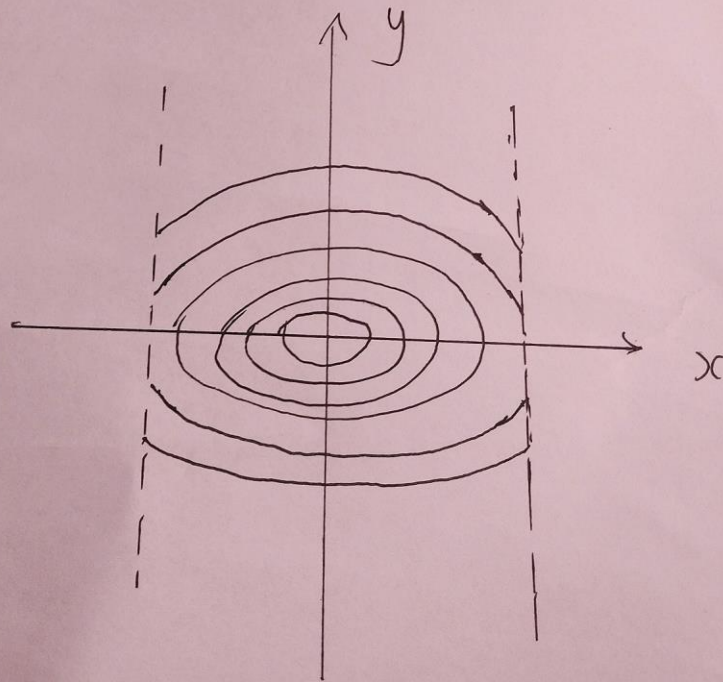


$$f(x, y) = 12 - 3x - 4y$$

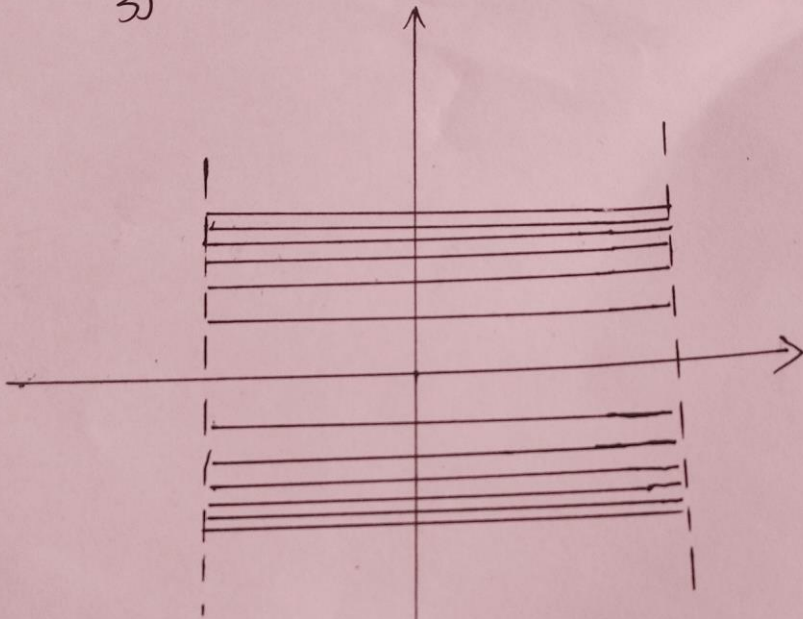
23.



33



35



$$f(x, y) = x^2$$