1.Start.

2. Input the value of X,

3.If X is less than -5 find the solution for Y

4.else if X is greater than minus 5(-5)and X is less than and equal to 3, Y has a solution by the equation

5.else if X is greater than 3 and less than 10,Y has a solution by the equation

6.Else if X is equal to 10,Y has a solution for the equation

7.else Y has no solution.

8.End.