import turtle

from turtle import \*

import os

ho=turtle.Pen()

ve=turtle.Pen()

def repere():

x,y=300,250

ho.reset()

ho.up()

ve.up()

ho.goto(-x,-y)

ve.left(90)

ve.goto(-x,-y)

ho.down()

ve.down()

ho.goto(x,-y)

ve.goto(-x,y)

ho.up()

ve.up()

def point(n,couleur):

width(n)

color(couleur)

down()

forward(1);backward(1)

up()

def ecrireH(x,y,texte):

up()

goto(x-10-len(texte)/2,y-15)

down()

write(texte)

up()

def ecrireV(x,y,texte):

up()

goto(x-15-len(texte),y-10)

down()

write(texte)

up()

def graduations(n):

pas=int(n/10)

for k in range(0,11):

ecrireH(k\*60-300,-250,str(k\*pas))

for k in range(1,11):

ecrireV(-300,k\*50-250,str(k/10))