1.

لا

التعليل \*\*\*\*\*\*\*\*\*\*\*\*\*

2.

لا

التعليل : كل التوابع و الثوابت التي نحتاجها هي public static

3.

try{

System.out.println("enter cirule radius \n R = ");

Scanner in = new Scanner(System.in);

float r = in.nextFloat();

if(r<0) throw new Exception("R is less than zero");

System.out.println("\n2\*pi\*R = " + 2\*Math.PI\*r

+ "\npi\*r^2 = " + Math.PI\*Math.pow(r, 2));

}

catch(Exception e){

System.err.println(e.getMessage());

}

4.

A

Min + (int)(Math.random() \* ((Max - Min) + 1))

B

try{

System.out.println("enter throwing times \n TT = ");

Scanner in = new Scanner(System.in);

int n = in.nextInt();

if(n<1) throw new Exception("throwing times is less than 1");

for (int i = 0; i < n; i++) {

System.out.println(1 + (int)(Math.random() \* 6));

}

}

catch(Exception e){

System.err.println(e.getMessage());

}