public class TestDrive {

public static void main (String [ ] args) {

int l=4;

int l1=5;

int h=6;

int a=5;

int b=3;

int b1=7;

int c=9;

Triunghi test= new Triunghi;

System.out.println(test.Dreptunghic(l, h));

System.out.println(test.Echilateral(l,h));

System.out.println(test.Scalen(a, b, c));

System.out.println(test.Triangle(l, h));

Patrulatere test1= new Patrulatere;

System.out.println(test1.Patrat(l));

System.out.println(test1.Dreptunghi(l, l1));

System.out.println(test1.Paralelogram(l, h));

System.out.println(test1.Trapez(b, b1, h));

}

}

public class Triunghi {

public double Dreptunghic(int l, int h){

return (l\*h)/2;

}

public double Echilateral(int l, int h) {

return (Math.pow(l,3)\*sqrt(3))/4;

}

public double Scalen(int a, int b, int c) {

double p=(a+b+c)/2;

return sqrt(p\*(p-a)\*(p-b)\*(p-c));

}

public double Triangle(int l, int h) {

return (l\*h)/2;

}

}

public class Patrulatere {

public double Patrat(int l) {

return l\*l;

}

public double Dreptunghi(int l, int l1) {

return l\*l1;

}

public double Paralelogram(int l, int h) {

return l\*h;

}

public double Trapez(int b, int b1, int h) {

return ((b+b1)\*h)/2;

}

}