public class TestDrive {

public static void main(String[]args) {

Triunghi test1=new Triunghi();

double Triangle=test1.Triangle();

System.out.println(Triangle);

double Dreptunghic=test1.Dreptunghic();

System.out.println(Dreptunghic);

double Echilateral=test1.Echilateral();

System.out.println(Echilateral);

Patrulatere test2=new Patrulatere();

double Patrat=test2.Patrat();

System.out.println(Patrat);

double Dreptunghi=test2.Dreptunghi();

System.out.println(Dreptunghi);

double Paralelogram=test2.Paralelogram();

System.out.println(Paralelogram);

double Trapez=test2.Trapez();

System.out.println(Trapez);

}

}

public class Triunghi {

int a=3;

int b=4;

int c=2;

public double Triangle() {

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

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

}

public double Dreptunghic() {

int h=5;

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

}

public double Echilateral() {

int L=3;

return (((L\*L)\*Math.sqrt(3))/4);

}

}

public class Patrulatere {

int a=3;

int b=4;

int c=2;

int d=5;

public double Patrat() {

double L=6;

return(L\*L);

}

public double Dreptunghi() {

return ((a\*b));

}

public double Paralelogram() {

int h=5;

return ((a\*h));

}

public double Trapez() {

int h=6;

return (((d\*b)\*h)/2);

}

}