import java.lang.Math.\*;

abstract class shapeArea{

abstract void circleArea();

abstract void triangleArea();

void rectangleArea(){

System.out.println("A rectangle with a length of 7 and width of 4 has an area of " + (7\*4));

}

}

public class shapesArea extends shapeArea{

void circleArea(){

System.out.println("A circle with a radius of 3 has an Area of " + Math.PI\*(3\*3));

}

void triangleArea(){

System.out.println("A triangle with a length of 3 and width of 4 has an area of " + (3\*4)/2);

}

public static void main(String[] args){

shapeArea shapeObj = new shapesArea();

shapeObj.circleArea();

shapeObj.triangleArea();

shapeObj.rectangleArea();

}

}