**1st experiment**

import java.util.Scanner;

class feet{

    public static void main(String args[]){

         Scanner scan=new Scanner(System.in);

         int l=scan.nextInt();

         int w=scan.nextInt();

         float area=l\*w;

         float acres=area/43560;

         System.out.println(acres+"acres");

    }

**2nd experiment**

import java.util.Scanner;

class weight{

    public static void main(String args[]){

         Scanner scan=new Scanner([System.in](http://system.in));

         int widget=scan.nextInt();

         int gizmo=scan.nextInt();

         int w= widget\*75;

         int g=gizmo\*112;

         int total=w+g;

         System.out.println("The total weight of all these widgets and gizmos is" +total+" grams.");

}

}

**3rd experiment**

import java.math.RoundingMode;

import java.text.DecimalFormat;

import java.util.Scanner;

class df{

        private static final DecimalFormat d = new DecimalFormat("0.00")

        public static void main (String[] args) {

        Scanner scan=new Scanner(System.in);

        double dc1=scan.nextDouble();

        double dc2=scan.nextDouble();

        dc1=dc1\*0.10;

        dc2=dc2\*0.25;

        System.out.print("Your total refund will be $"+ d.format(dc1+dc2));

        }

}

**4th experiment**

**import java.util.Scanner;**

**class odd {**

**public static void main (String[] args) {**

**Scanner scan=new Scanner(System.in);**

**int o=scan.nextInt();**

**if (o%2!=0){**

**System.out.println(2);**

**}**

**else**

**System.out.println(1);**

**}**

**}**

**5th experiment**

import java.util.Scanner;

import java.lang.Math;

class last {

    public static void main (String[] args) {

            Scanner scan=new Scanner(System.in);

            int r=Math.abs(scan.nextInt());//Math.abs()

            r=r%10;

            System.out.println(r);

    }

}

**6th experiment**

import java.util.Scanner;

import java.lang.Math;

class last {

    public static void main (String[] args) {

            Scanner scan=new Scanner(System.in);

            int r=Math.abs(scan.nextInt());//Math.abs()

            int s=Math.abs(scan.nextInt());//Math.abs()

            r=r%10;

            s=s%10;

            int sum =r+s;

            System.out.println(sum);

    }

}

**7th experiment**