```java
import java.util.*;

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        A7(sc.nextInt());
        B7(sc.nextInt());
        C7(sc.nextInt());
        D7(sc.nextInt());

        Opt(sc.nextInt());

        Problema(sc.nextInt());

        sc.close();
    }

    private static void A7(int n) {
        int s = 0, d = 1;
        for (int i = 0; i < n; i++) {
            s += 2 * i + 1;
            d *= 2 * i + 1;
        }
        System.out.println("Raspuns: " + s + " si " + d);
    }

    private static void B7(int n) {
        int s = 0, d = 1;
        for (int i = 0; i < n; i++) {
            s += 2 * i + 2;
            d *= 2 * i + 2;
        }
        System.out.println("Raspuns: " + s + " si " + d);
    }

    private static void C7(int n) {
        int s = 0, d = 1;
        for (int i = 0; i < n; i++) {
            s += 3 * i + 3;
            d *= 3 * i + 3;
        }
        System.out.println("Raspuns: " + s + " si " + d);
    }

    private static void D7(int n) {
        int s = 0, d = 1;
```

```java
        for (int i = 0; i < n; i++) {
            s += 4 * i + 4;
            d *= 4 * i + 4;
        }
        System.out.println("Raspuns: " + s + " si " + d);
    }

    private static void Opt(int n) {
        double s = 0;
        for (double i = 1; i <= n; i++) {
            if (i % 2 == 0)
                s -= 1 / i;
            else
                s += 1 / i;
        }
        System.out.println("Raspuns: " + s);
    }

    private static void Problema(int n) {
        double s = 0, d = 1;
        for (double i = 1; i <= n; i++) {
            s += i / (i + 1);
            d *= i / (i + 1);
        }
        System.out.println("Raspuns: " + s + " si " + d);
    }
}
-
```