

```
import java.util.*;
```

```
class Day59 {
```

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

```
        Scanner sc = new Scanner(System.in);
```

```
        int t = sc.nextInt();
```

```
        int arr[][] = new int[t][2];
```

```
        for (int i = 0; i < t; i++) {
```

```
            arr[i][0] = sc.nextInt();
```

```
            arr[i][1] = sc.nextInt();
```

```
        }
```

```
        for (int i = 0; i < t; i++) {
```

```
            int bmi = (arr[i][0] / (arr[i][1] * arr[i][1]));
```

```
            if (bmi <= 18)
```

```
                System.out.println("1");
```

```
            else if (bmi > 18 && bmi < 25)
```

```
                System.out.println("2");
```

```
            else if (bmi > 24 && bmi < 30)
```

```
                System.out.println("3");
```

```
            else if (bmi >= 30)
```

```
                System.out.println("4");
```

```
        }
```

```
        sc.close();
```

```
    }
```

```
}
```