

```

1 package lt.vtvpmc.printer;
2
3 import lt.vtvpmc.printer.shapes.Circle;
4 import lt.vtvpmc.printer.shapes.Rectangle;
5 import org.junit.jupiter.api.Test;
6
7 import static org.junit.jupiter.api.Assertions.assertEquals;
8
9 public class InkCalculatorTest {
10
11     @Test
12     public void shouldCalculateInkUsageForSingleShape() {
13         InkCalculator inkCalculator = new InkCalculator();
14
15         inkCalculator.add(new TestShape()); //TestShape yra figura is pabaigoje esancio kodo
16
17         assertEquals(0.1, inkCalculator.getRequiredInkInMl());
18     }
19
20     @Test
21     public void shouldCalculateInkUsageForMultipleShapes() {
22         InkCalculator inkCalculator = new InkCalculator();
23
24         inkCalculator.add(new TestShape());
25         inkCalculator.add(new TestShape());
26
27         assertEquals(0.4, inkCalculator.getRequiredInkInMl());
28     }
29
30     //nebutinas, sukurtas tik tam kad neprisiristi + kad grazintu zinoma reiksme (siuo atveju 2)
31     class TestShape implements Shape {
32         public double getArea() {
33             return 2;
34         }

```

35 }

36 }

37