

AreaTriangle - Apache NetBeans IDE 12.5

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Search (Ctrl+)

270.7/688.0MB

AreaTriangle.java x AreaTriangleTest.java x

Source History

```
29
30 @Test
31 public void testArea2() {
32     System.out.println("area b=40485.2; h=52.00");
33     float base = 40485.2F;
34     float height = 52.0F;
35     AreaTriangle instance = new AreaTriangle();
36     float expResult = 1052615.2F;
37     float result = instance.area(base, height);
38     assertEquals(expResult, result, 0.01);
39 }
40
41
42 @Test
43 public void testArea3() {
44     System.out.println("area b=523.20 ; h=526.3");
```

Test Results

ec.edu.espe.areaTriangle.AreaTriangleTest x

Tests passed: 70.00 %

7 tests passed, 3 tests failed. (0.131 s)

ec.edu.espe.areaTriangle.AreaTriangleTest Failed

- testArea2 Failed: expected:<1052615.25> but was:<1052615.125>
- testArea6 Failed: expected:<-70659.9765625> but was:<-70656.9765625>
- testArea8 Failed: expected:<4.86282752E9> but was:<4.863827456E9>

area b=4.56 ; h=852.22
area b=40485.2; h=52.00
area b=523.20 ; h=526.3
area b=-4502.05 ; h=2589.00
area b=4528280.63 ; h=-98524.4
area b= 545698.0 ; h=-0.25896
area b=54365.52 ; h=20.5
area b= -98505.36 ; h=-98752.55
area b=-9875.00 ; h=0.2582
area b=8582.528 ; h=28.00

Usages Test Results

37:52 INS

17:09 14/2/2022

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Search (Ctrl+)

623.7/688.0MB

AreaTriangle.java x AreaTriangleTest.java x

Source History

```
96 float expResult = 557246.58F;
97 float result = instance.area(base, height);
98 assertEquals(expResult, result, 0.01);
99
100
101
102 @Test
103 public void testArea8() {
104     System.out.println("area b= -98505.36 ; h=-98752.55");
105     float base = -98505.36F;
106     float height = -98752.55F;
107     AreaTriangle instance = new AreaTriangle();
108     float expResult = 4863827744F;
109     float result = instance.area(base, height);
110     assertEquals(expResult, result, 0.0);
111 }
```

Test Results

ec.edu.espe.areaTriangle.AreaTriangleTest x

Tests passed: 90.00 %

9 tests passed, 1 test failed. (0.142 s)

ec.edu.espe.areaTriangle.AreaTriangleTest Failed

area b=4.56 ; h=852.22
area b=40485.2; h=52.00
area b=523.20 ; h=526.3
area b=-4502.05 ; h=2589.00
area b=4528280.63 ; h=-98524.4
area b= 545698.0 ; h=-0.25896
area b=54365.52 ; h=20.5
area b= -98505.36 ; h=-98752.55
area b=-9875.00 ; h=0.2582
area b=8582.528 ; h=28.00

Usages Test Results

Finished building AreaTriangle (test).

110:44 INS

17:20 14/2/2022