Name: Andrae Ramsey

**Program 1 Test Data**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case 1** | | | | | | | | | | |
| ***User Input*** | | | ***Expected Results*** | | | | | | | |
| **radius small circle** | **radius medium circle** | **radius large circle** | **quarts red paint** | | **area red paint** | | **quarts white paint** | | **area white paint** | |
| 30 | 35 | 40 | 32.028 | | 4003.5 | | 8.164 | | 1020.5 | |
| **small diagonal** | **large diagonal** |  | **quarts red paint** | | **area red paint** | |  | |  | |
| 9 | 18 |  | .648 | | 81.0 | |  | |  | |
| **side of square** | **radius of circle** |  | **quarts blue paint** | **area blue paint** | | **quarts red paint** | **area red paint** | **quarts white paint** | | **area white paint`** |
| **20** | **5** |  | 1.944 | **243.0** | | **2.572** | **321.5** | **1.884** | | **235.5** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case 2** | | | | | | | | | | |
| ***User Input*** | | | ***Expected Results*** | | | | | | | |
| **radius small circle** | **radius medium circle** | **radius large circle** | **quarts red paint** | | **area red paint** | | **quarts white paint** | | **area white paint** | |
| 5 | 15 | 20 | 5.024 | | 628.0 | | 5.024 | | 628.0 | |
| **small diagonal** | **large diagonal** |  | **quarts red paint** | | **area red paint** | |  | |  | |
| 15 | 25 |  | 1.5 | | 187.5 | |  | |  | |
| **side of square** | **radius of circle** |  | **quarts blue paint** | **area blue paint** | | **quarts red paint** | **area red paint** | **quarts white paint** | | **area white paint`** |
| **45** | **10** |  | 11.176 | **1397.0** | | **13.688** | **1711.0** | **7.536** | | **942.0** |