## Distance Between Points

Write a method to calculate the distance between two points **p1** {**x1**, **y1**} and **p2** {**x2**, **y2**}. Write a program to read **two points** (given as two integers) and print the **Euclidean distance** between them.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3 4  6 8 | 5.000 |
| 3 4  5 4 | 2.000 |
| 8 -2  -1 5 | 11.402 |