**Geometry Basics: Distance between points in 2D**

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Python

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This series of katas will introduce you to basics of doing geometry with computers.

Point objects have x and y attributes.

Write a function calculating distance between Point a and Point b.

Tests round answers to 6 decimal places.

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import math

def **distance\_between\_points**(a, b):

# your code here

x1 = a.x

y1 = a.y

x2 = b.x

y2 = b.y

return math.sqrt((x2 - x1)\*\*2 + (y2-y1)\*\*2)

print distance\_between\_points( [1, 6], [4, 2])

----------otra solución------------------

**def distance\_between\_points(a, b):**

**return ((b.x - a.x) \*\* 2 + (b.y - a.y) \*\* 2) \*\* 0.5**