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**NORTH AMERICAN  
UNIVERSITY**  
INSPIRATION INNOVATION GLOBAL COMPETENCE

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<b>Started on</b>	Monday, 11 February 2019, 8:33 PM
<b>State</b>	Finished
<b>Completed on</b>	Monday, 11 February 2019, 8:58 PM
<b>Time taken</b>	25 mins 16 secs
<b>Marks</b>	1.00/1.00
<b>Grade</b>	<b>10.00</b> out of 10.00 ( <b>100%</b> )

**Question 1**

Complete

Mark 1.00 out of 1.00

Given two objects represented by the tuples (22, 1, 42, 10) and (20, 0, 36, 8):

- (a) Compute the *Euclidean distance* between the two objects.
- (b) Compute the *Manhattan distance* between the two objects.
- (c) Compute the *Minkowski distance* between the two objects, using  $h = 3$ .

<https://docs.google.com/spreadsheets/d/1DCgvlD16kLVuz657mmQer86iZ2lDt3QiotWqCglDfow/edit?usp=sharing>

I tried to upload the image didn't work so I added the link of the excel sheet.

- a) square root 45
- b) 11
- c) 3 square root 233

[◀ Assignment 2](#)[Chapter 3a - Data Preprocessing ▶](#)