Chapter 02 Exercises

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1. 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.

**6.7082**

(b) Compute the Manhattan distance between the two objects.

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(c) Compute the Minkowski distance between the two objects, using *h*=3.

**6.15345**

(d) Compute the supremum distance between the two objects.

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[[Calculation](https://docs.google.com/spreadsheets/d/1i-tCQv1EZ0qhRZxBnBc8ME5Hk5CygL0YzlFgtJ4NsPM/edit?usp=sharing)]