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We often ask: how far away is that? The concept of distance is very familiar to us. One way to describe distance is as the ground covered between two points. When we think about things on different scales, we find that distances can stretch (or shrink) almost as far as our imaginations.

DEFINITION: how far away an object is or the amount of ground an object has covered in its motion

Units: meter (m), kilometers (km), feet, miles, light years (A light year is the distance light travels in a year, about 6 trillion miles/9.5 trillion km).

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