

To use handmade compass rose

Note: Use **center** of location for most common understanding.

Note: **Point 'N' on compass rose towards north pole (or 'S' towards south pole) for greatest accuracy. (Follow line of longitude.)**

Typical questions:

A. **Where is -----?**

EX: Someone you met from another part of the country wants to know where you live. She might ask, "Where is Tucson?" Does it make sense to answer this question with a set of absolute location coordinates? "Oh, it's at 32°N, 111°W." Give the answer in terms of relative location using a better known location. (p. 68) [Of course, if she wants to know exactly where Tucson is, use absolute location!]

Put center of compass rose on a well-known city either near Tucson or near your friend. See what direction points to Tucson. Read "backwards" from Tucson to the direction on the compass rose to the familiar city. "Tucson is southeast of Phoenix" or "Tucson is west of Dallas."

B. **"What countries are northeast of -----?"**

EX: Say that there was an explosion at a nuclear power plant in Argentina. The wind is blowing towards the northeast. One might ask, "What countries are northeast of Argentina?" (p. 112)

Put center of compass rose on the location, find the "NE" arrow, see what countries it is pointing to.

C. **"I know where ----- is, where is -----?"**

EX: Say that a friend has been stationed in Turkey for a year and heard that he is getting orders to serve in either Iraq or Afghanistan. He might ask, "I know where Iraq is, but where is Afghanistan?" (p. 152)

Put center of compass rose on location you know (Iraq), give answer in a sentence that starts with the unknown location. Read "backwards" from the unfamiliar location to the direction on the compass rose to the familiar location. "Afghanistan is due east of Iraq."

D. **"What is the relationship of ----- to -----?"**

EX: Say that a foreign tourist is finally getting a chance to come to America! There are two places she'd like to visit, Disneyworld and Mount Rushmore, and is looking at a map of the USA to see if she can do both. She asks, "What is the relationship of Florida to South Dakota?" (p. 68-69)

Put center of compass rose on first location mentioned (Florida), note what direction the second location (South Dakota) is in, and answer in a sentence that starts with the second location (South Dakota). ["South Dakota is NW of Florida."]

OR

Put center of compass rose on second location mentioned (South Dakota), note what direction the first location (Florida) is in, give answer in a sentence that starts with the first location (Florida). ["Florida is SE of South Dakota."]