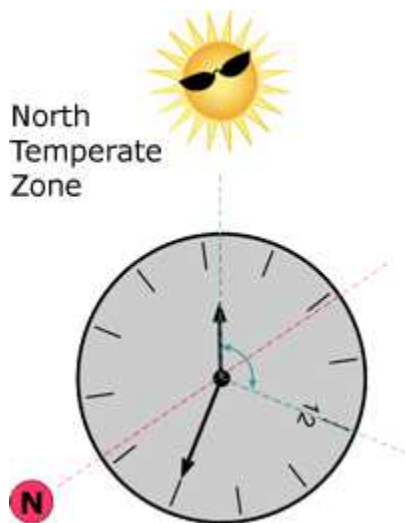
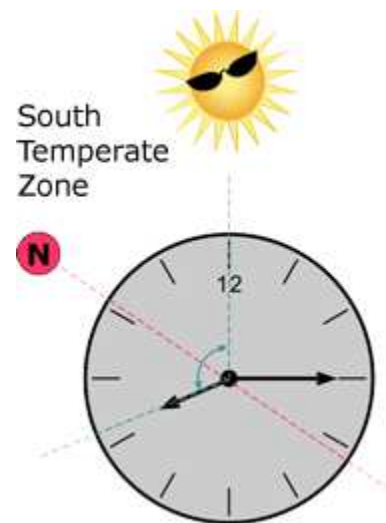


It's possible to determine your orientation using an analog watch (i.e., one with hands) in place of a compass. The direction will be correct if the watch is set for true local time, without adjustments for daylight savings time. And the further you are from the equator, the more accurate this method will be.

Esc



In the northern hemisphere, hold the watch horizontal and **point the hour hand** in the direction of the sun. Bisect the angle between the hour hand and the twelve o'clock mark to get the north-south line. North will be the direction further from the sun.



In the southern hemisphere, hold the watch horizontal and **point the twelve o'clock mark** in the direction of the sun. Bisect the angle between the hour hand and the twelve o'clock mark to get the north-south line. North will be the direction closer to the sun.

Know the time, but don't have an analog watch? A simple **drawing** of a watch on a piece of paper, as long as it shows the correct time (you only need worry about the hour hand), works just as well.

Can't see the sun clearly, or otherwise having difficulty determining its direction? As long as the sun is able to cast a shadow (which it can often do even through fog), you can determine its direction by holding a thin object (like a pencil or a stick) straight up and down; the resulting shadow will point **away** from the sun.

Wonder why you're bisecting angles? As the earth rotates once (each day), the hour hand goes around the clock face twice. So you need to divide the angle by two (i.e., in half).

Esc