Using the sun to find North

[](http://www.google.com/imgres?q=sun&um=1&hl=en&safe=active&rls=com.microsoft:en-us:IE-Address&biw=1176&bih=819&tbm=isch&tbnid=RcYLnyZ2MVFYfM:&imgrefurl=http://12160.info/xn/detail/2649739:BlogPost:698023&docid=VFF5dL9ttcomgM&imgurl=http://api.ning.com/files/5wadJeqLuUxQ6mFP*x*OwtQ-tvnDsX3mE-vLTEFNRBVfWo4W*1phId5YqQzHPKZe6kHUtq61DFi71cLaREvdTN1f5QrbWkm5/sun.gif&w=315&h=304&ei=nmooT-1cwa2JAozqmL0B&zoom=1)

Option 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the Sun

1. The time must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Adjust for daylight savings between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. When you face the sun you are looking \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and directly

behind you is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Option 2: Use your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [](http://www.google.com/imgres?q=watch+face&um=1&hl=en&safe=active&rls=com.microsoft:en-us:IE-Address&biw=1176&bih=819&tbm=isch&tbnid=YUDvZS9J-35bEM:&imgrefurl=http://www.shutterstock.com/cat.mhtml%3Fsafesearch%3D1%26search_type%3Dsimilar%26similar_photo_id%3D11914117&docid=ueWfiE7FHBV1vM&imgurl=http://thumb15.shutterstock.com/thumb_small/116230/116230,1248438096,10/stock-vector-roman-numeral-watch-face-34207810.jpg&w=113&h=100&ei=9WkoT-6DMtTWiALiia25AQ&zoom=1)

1. Adjust your watch for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (if necessary)
2. Rotate watch so that \_\_\_\_\_\_\_\_\_\_\_\_ hand points toward sun
3. Make a mark (on ground or paper) where the \_\_\_\_\_\_\_\_\_\_\_\_ hand points and \_\_\_\_\_\_\_\_\_\_\_\_ points
4. Find the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ way point in between the 2 lines
5. This line points \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Option 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ method



1. Place (preferably) a \_\_\_\_\_\_\_\_\_\_ foot \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the ground
2. Place a mark where the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ends (this is \_\_\_\_\_\_\_\_\_\_\_\_\_\_)
3. Wait \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Place a mark where the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ends NOW (this is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the two marks in a line
6. Draw a line \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to this line
7. This line shows \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_