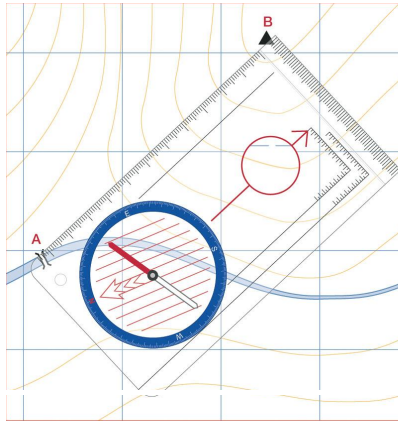
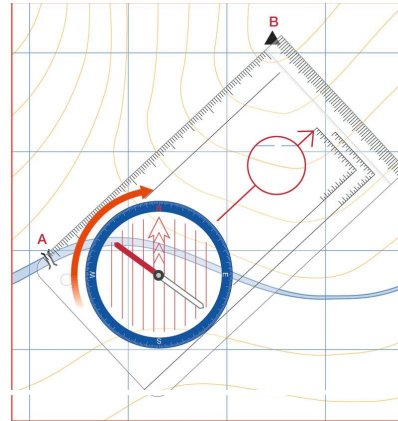


HOW TO USE A COMPASS

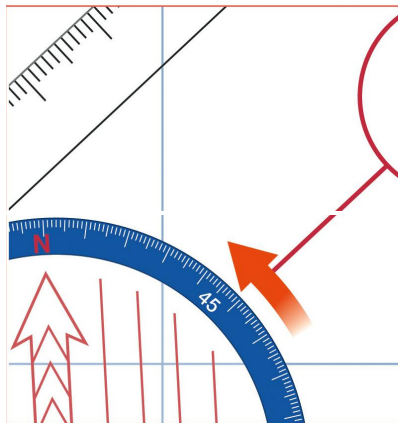
Obtaining a Travel Direction from a Map



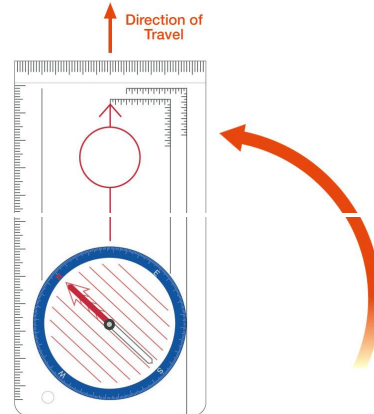
A Align the compass along the required route on map



B Rotate the compass housing to align the orienting lines with the north-south grid lines on the map



C Rotate the compass housing to compensate for magnetic variation



D Remove the compass from the map, rotate the compass so that north end of the needle and the orienting arrow are aligned and then proceed following the direction of travel arrow

Illustration from 'Hill Walking' © MLTUK/ VG 2003

Find a suitable target in the terrain (e.g., a tree, boulder or a bush) towards which the direction arrows point. Walk towards the chosen object without looking at your compass. When you reach your target, find a new object that is aligned with your bearing.

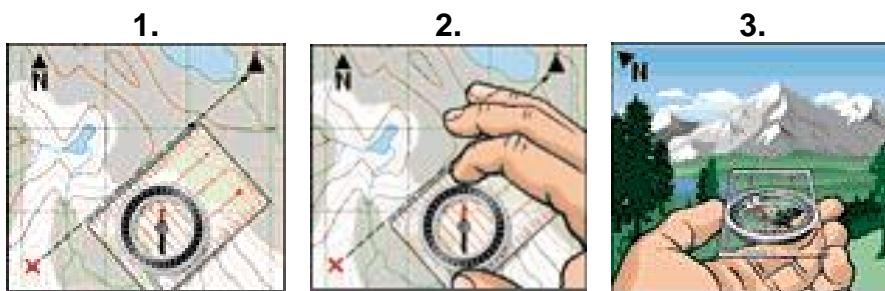
Note 1: Sometimes the compass capsule may get turned accidentally while you are walking. Remember to check from time to time that the capsule has not deviated from the direction that had been set on the compass.

Note 2: Remember the difference between the magnetic needle that always points to the magnetic North Pole and the direction arrows that show the travel direction.

Note 3: By reversing the usage above it is possible to get a back bearing from an identifiable object in the distance and relate it to where you are on the map. Ideally this needs to be done with another object at approx 90° away from the other for more accuracy.

HOW TO USE A COMPASS

Obtaining a Travel Direction from a Map



1 a) Place the compass on the map so that the long edge connects the starting point with the desired destination.

b) Make sure that the direction arrows are pointing from the starting point to the place of destination (and not the opposite way).

2 a) Hold the compass firm on the map in order to keep the base plate steady.

b) Turn the rotating capsule until the North-South lines on the bottom of the capsule are parallel with the North-South lines on the map.

c) Be sure that the North-South arrow on the bottom of the capsule points to the same direction as North on the map.

d) Make any adjustments for magnetic variation (usually in UK add on).

3 a) Hold the compass in your hand in front of you. Make sure that the base plate is in horizontal position, and that the direction arrows are pointing straight ahead.

b) Rotate your body until the North-South arrow on the bottom of the capsule lines up with the magnetic needle, and the red end of the needle points in the same direction as the arrow.

c) The directional arrows on the baseplate now show your desired travel direction.

Find a suitable target in the terrain (e.g., a tree, boulder or a bush) towards which the direction arrows point. Walk towards the chosen object without looking at your compass. When you reach your target, find a new object that is aligned with your bearing.

Note 1: Sometimes the compass capsule may get turned accidentally while you are walking. Remember to check from time to time that the capsule has not deviated from the direction that had been set on the compass.

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