## MENĒ How to use your sundial

Place sundial on a flat surface in full, direct sunlight.



Point the gnomon towards true north.



**Use the sun.** At noon, the sun shines in the middle of the horizon and directly south. With your back directly to the sun, you are now facing true north.

**Use GPS.** Your GPS unit can provide you with true north. Your smartphone may also have an app to provide true north as well.

Use a compass. To find true north using an adjustable compass, find your local declination value (the angle difference between true north, magnetic north, and north on your compass).

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The outer edge of the gnomon's shadow marks the current time.



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