## Introduction

Any location on Earth may be described by two positioning coordinates. These two coordinates, measured by degrees, minutes, and seconds, are:

- latitude
- longitude

Latitudes are horizontal circles drawn around the Earth. The zero degree latitude (the equator) divides the globe into the Northern and Southern hemispheres.

## LATITUDE



Each circle contains $360^{\circ}$ (degree)
Each degree contains 60' (minutes)
Each minute contains 60" (seconds)

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