

# Mastering Grid References with Finn the Dolphin

*Learning objective: To understand how to use four-figure grid references to locate features on a map.*

Read each flashcard carefully to learn the rules of grid references. Use Finn the Dolphin's tips to help you remember how to navigate the map grid.

## What is a grid reference?

A set of numbers used to help you find a specific location on a map.

## What is an Easting?

The lines that run from top to bottom on a map; you read these first by moving along the bottom of the map.

## What is a Northing?

The lines that run from left to right on a map; you read these second by moving up the side of the map.

## Finn says: 'Walk before you climb!' What does this mean for grid references?

It means you must move along the bottom line (Easting) before you move up the side line (Northing).

## How many numbers are in a four-figure grid reference?

Four numbers (two for the Easting and two for the Northing).

If a symbol is in the square between Easting lines 12 and 13, and Northing lines 45 and 46, what is the grid reference?

1245.

## True or False: The grid reference points to the bottom-left corner of the grid square.

True.

## Why do we use grid lines on maps?

They create a grid system that makes it easier to describe exactly where a place or object is located.

## If you are at 2030 and you move one square to the right, what is your new grid reference?

2130.

## If you are at 2030 and you move one square up, what is your new grid reference?

2031.

## What part of the map helps you understand what the symbols inside the grid squares mean?

The map key (or legend).

Finn is mapping a coral reef. If the reef is in grid square 0505, which two numbers do you look for on the bottom axis?

05.