

YEAR 7: WHERE ON THE PLANET? KNOWLEDGE ORGANISER

Definitions and examples

Human geography: The study of where and how people live?

- Towns and cities
- Population
- Development
- Health

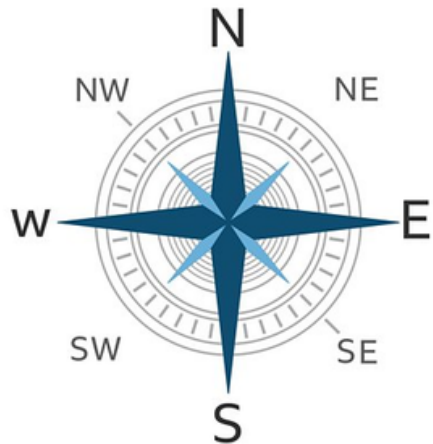
Physical geography: The study of the earth's natural environment

- Rivers
- Mountains
- Coasts
- Weather

Environmental geography: what we as humans do for the planet

- Recycling
- Climate Change
- Energy
- Pollution

Cardinal Points



Continents and Oceans



Human map of the UK



C.L.O.C.C. your description

- C - Compass points - Use your compass points - is it located in the north, south, east, west?
- L- Latitude line - Is it located near equator, Tropic of Cancer, or Tropic of Capricorn?
- O - Oceans/Seas - What oceans or seas are nearby?
- C- Continents - What continent is it located in?
- C- Country - What countries are nearby OR what country is it located in?

How to describe location



Scale measurement

A map cannot be the same size as the area it represents. It needs to be scaled down to fit on a page or a screen.

A map scale is given as $1 \text{ cm} = 2 \text{ km}$.

This means that every cm on the map represents 2 km in real life.

Example

The distance between two towns on a map is **8 cm**.

To calculate the actual distance between the two towns we use the scale:

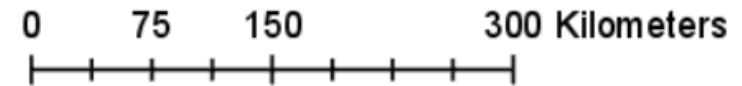
$$1 \text{ cm} = 2 \text{ km}$$

$$8 \text{ cm} = 2 \times 8 \text{ km}$$

$$8 \text{ cm} = 16 \text{ km}$$

A map scale can also be given as a bar.

It will tell you how long that bar is in real life. You can use your ruler to measure it.

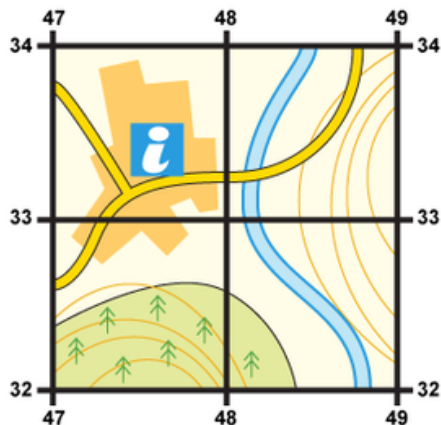


4 Figure Grid Referencing

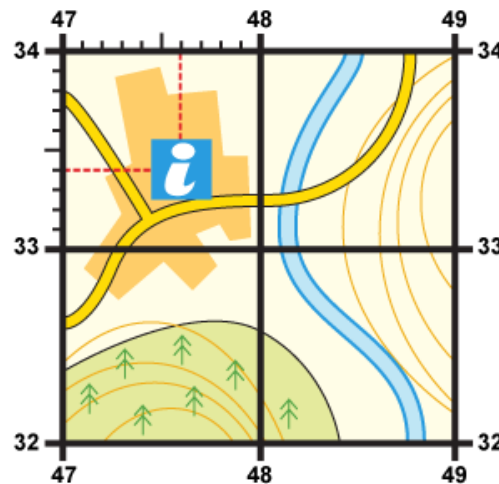
HINT: Along the corridor and up the stairs.

1. Start at the left-hand side of the map and go east until you get to the bottom-left-hand corner of the square you want. Write this number down.
2. Move north until you get to the bottom-left corner of the square you want. Look at the number of this grid line and add it to the two-digit number you already have. This is your four-figure grid reference.

In this case, the tourist information office is in grid square 4733.



6 -Figure Grid Referencing



1. First, find the four-figure grid reference but leave a space after the first two digits.
2. Estimate or measure how many tenths across the grid square your symbol lies. Write this number after the first two digits.
3. Next, estimate how many tenths up the grid square your symbol lies. Write this number after the last two digits.
4. You now have a six figure grid reference. In this instance, the tourist information office is located at 476334.

Physical map of the UK

