



Geographic Tools & Maps

Vocabulary

Maps

1. 2-dimensional (2-D)
2. Easier to carry
3. Because they are flat, they are not as accurate
4. Best for close-up areas

Globe

1. 3-dimensional (3-D)
2. Difficult to carry
3. 100% accurate
4. Best for large areas/continents

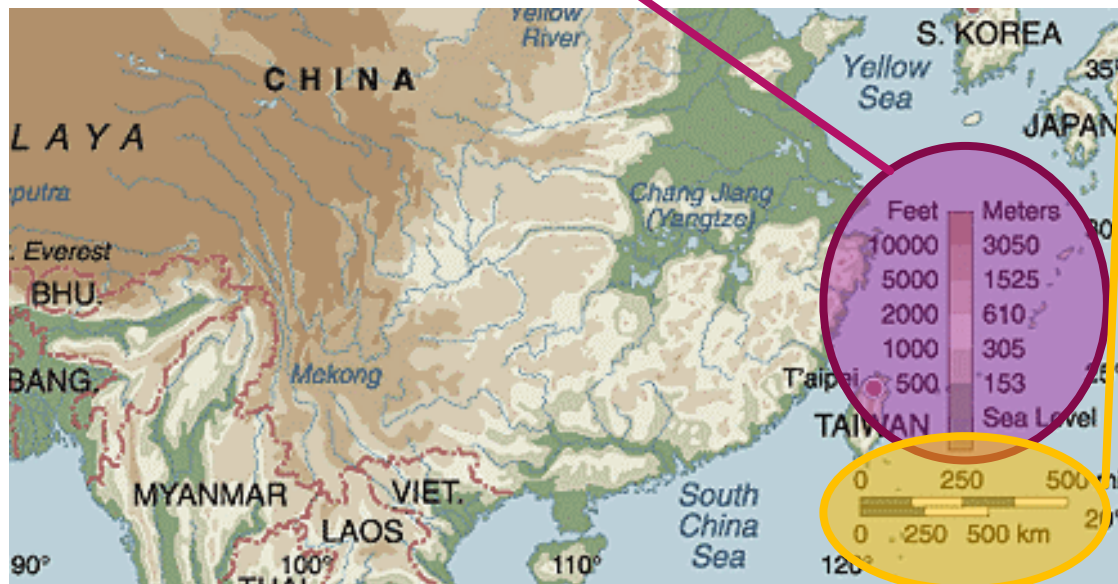
Vocabulary

▶ Key/Legend

- ▶ Shows what symbols on a map represents

▶ Scale

- ▶ Shows how large an area on a map is



Vocabulary

▶ Cartographer

- ▶ Mapmaker

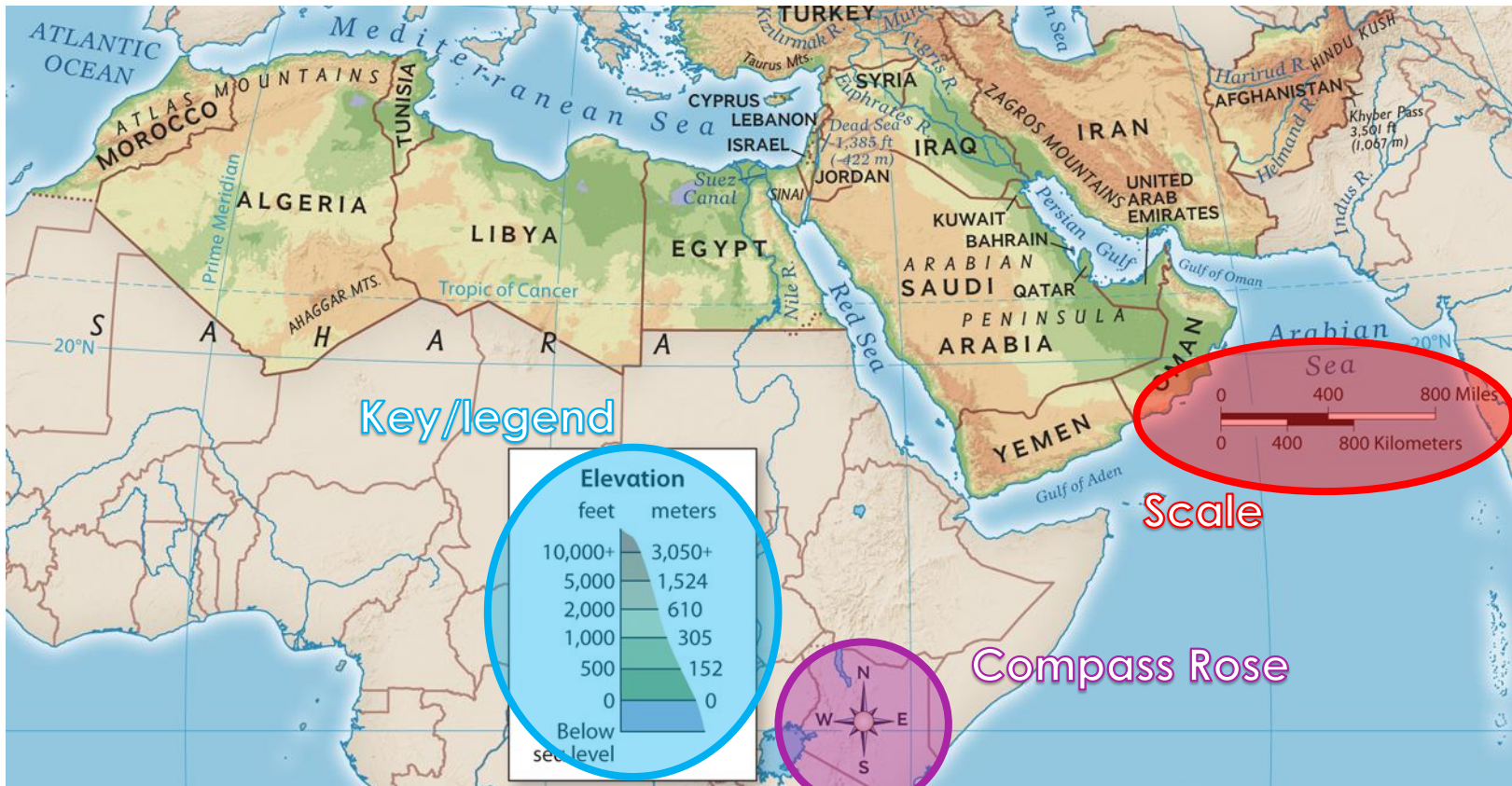
▶ Compass Rose

- ▶ Shows Cardinal Directions (North, South, East, West), and Sometime Intermediate Directions (NW, SW, NE, SE)



Let's Practice

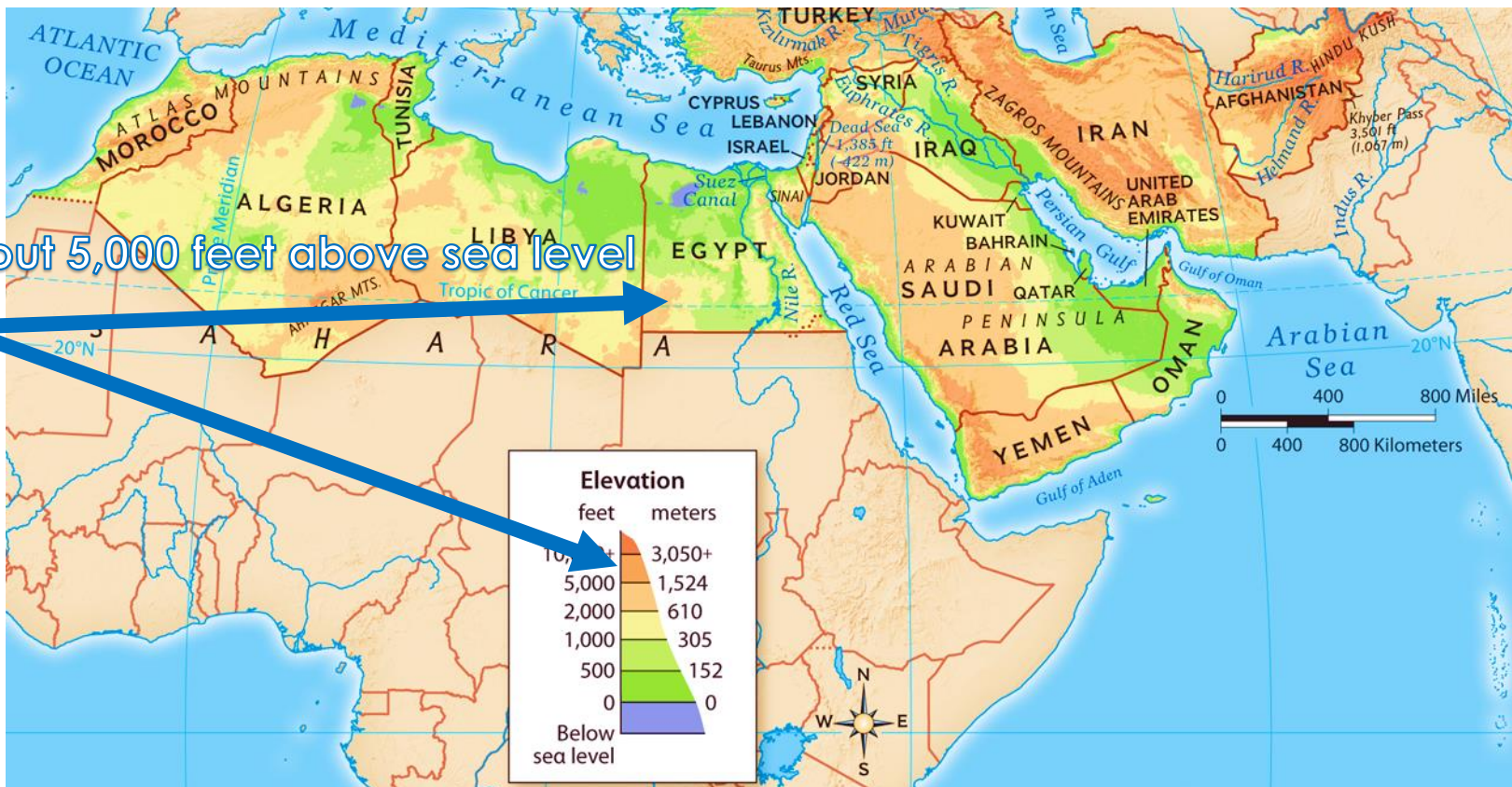
Identify the parts of the map



Let's Practice

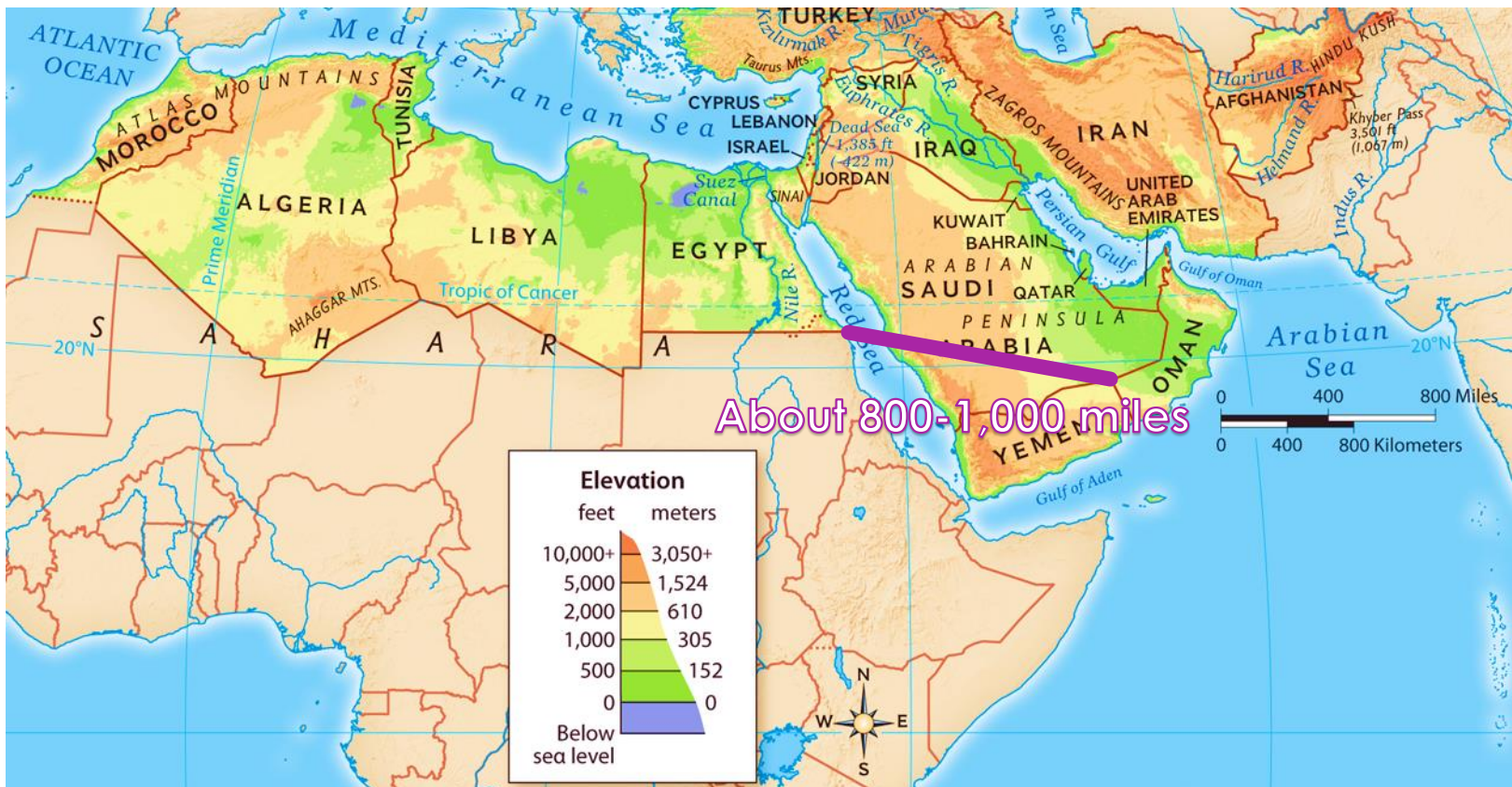
What is the approximate height of Egypt's highest point?

About 5,000 feet above sea level



Let's Practice

About how far are Oman and Egypt?



Types of Map

Political Maps

- ▶ Government boundaries (states and countries)



Physical Maps

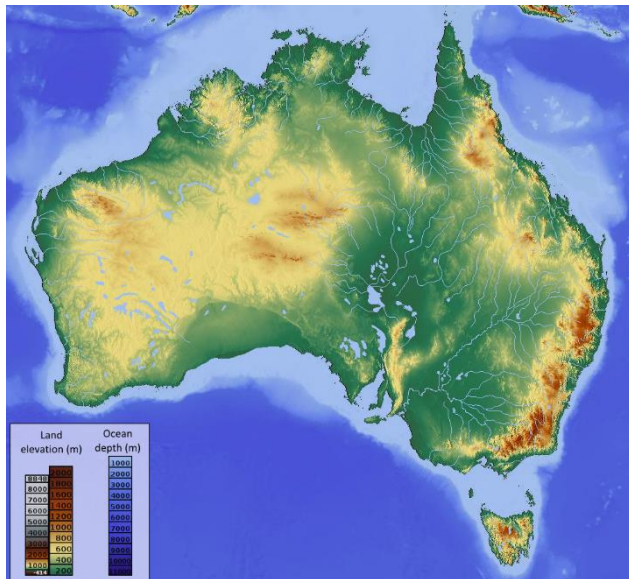
- ▶ Geographic features (mountains, rivers, islands, deserts)



Types of Map

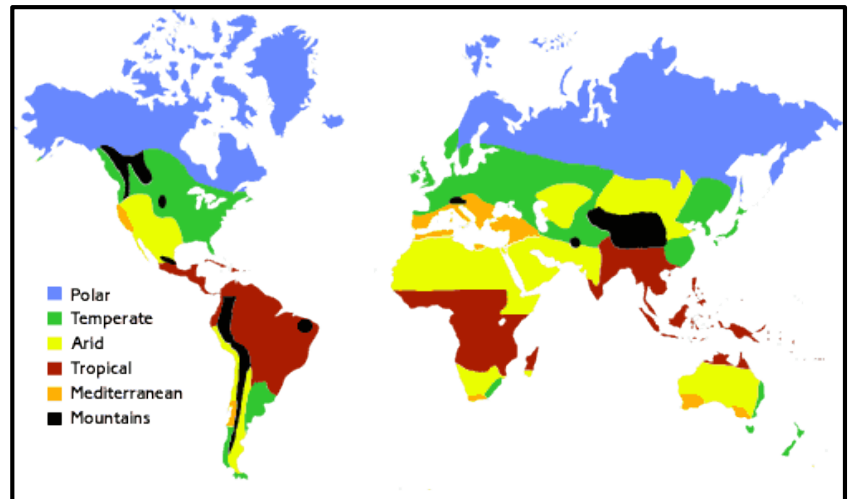
Topographical Maps

- ▶ Type of physical map that includes elevation (how far above sea level



Climate Maps

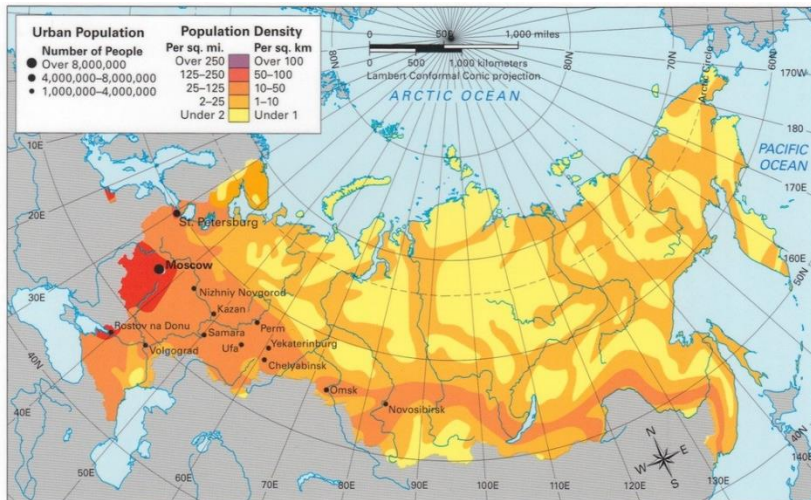
- ▶ Average weather, such as precipitation (rain and snow) and temperature



Types of Map

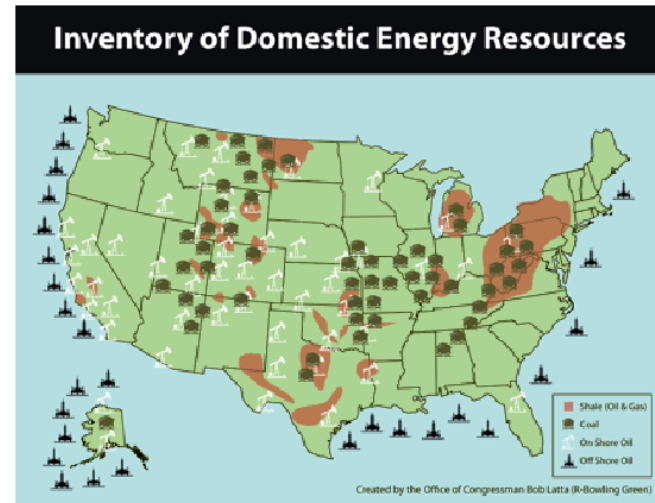
Population Density Map

- ▶ How many people live in an area (such as 100 people per square mile)



Product Maps

- ▶ Natural resources (things that come from nature) available in an area

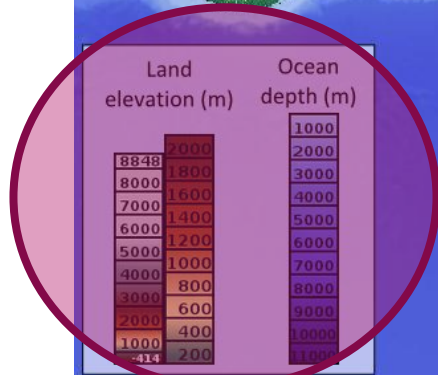


Let's Practice

Name that map!



Topographical Map
(see how it shows
the elevation)



Let's Practice

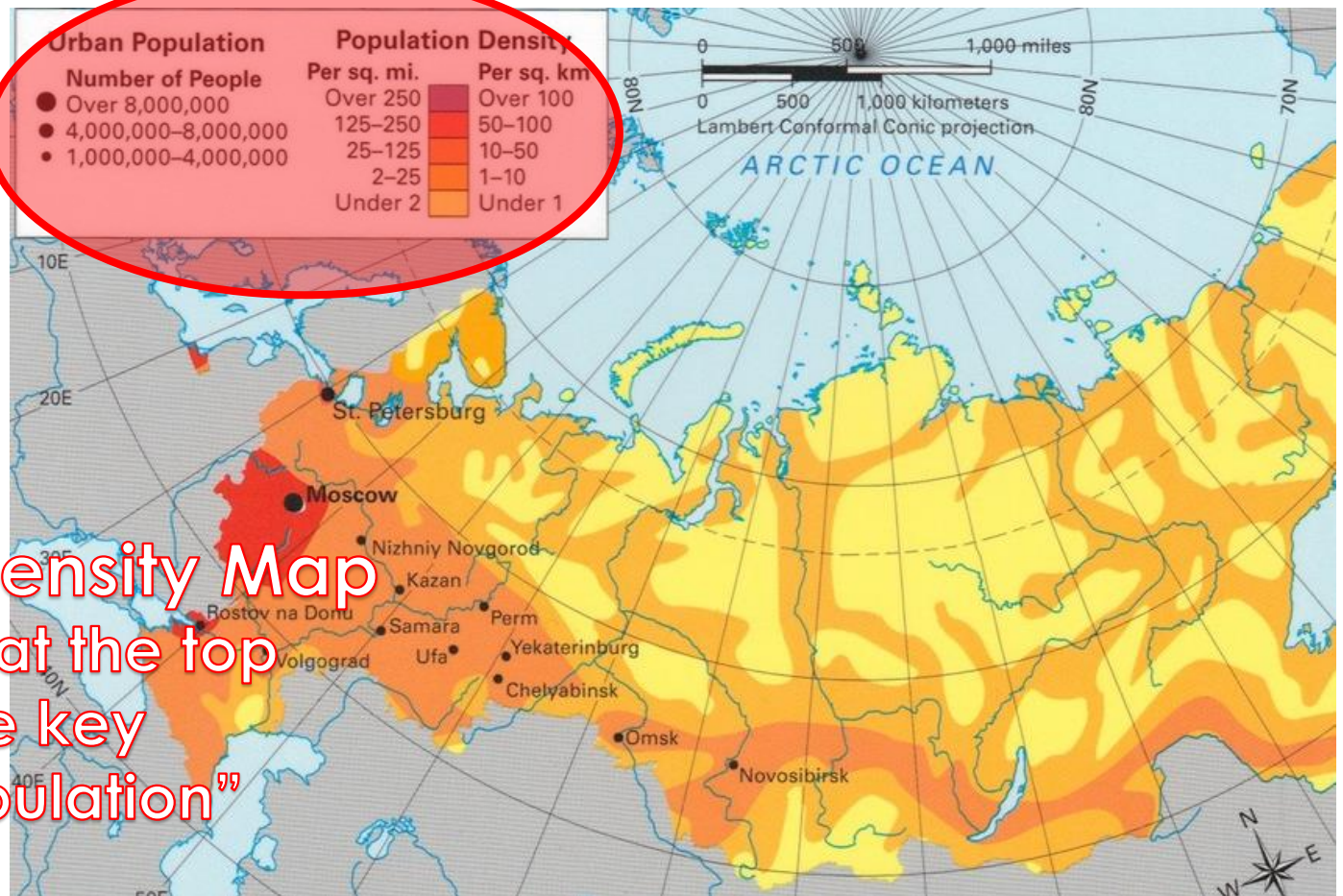
Name that map!

Political Map
these maps usually show
each country as a
different color)



Let's Practice

Name that map!



Population Density Map

The legend at the top

uses the key

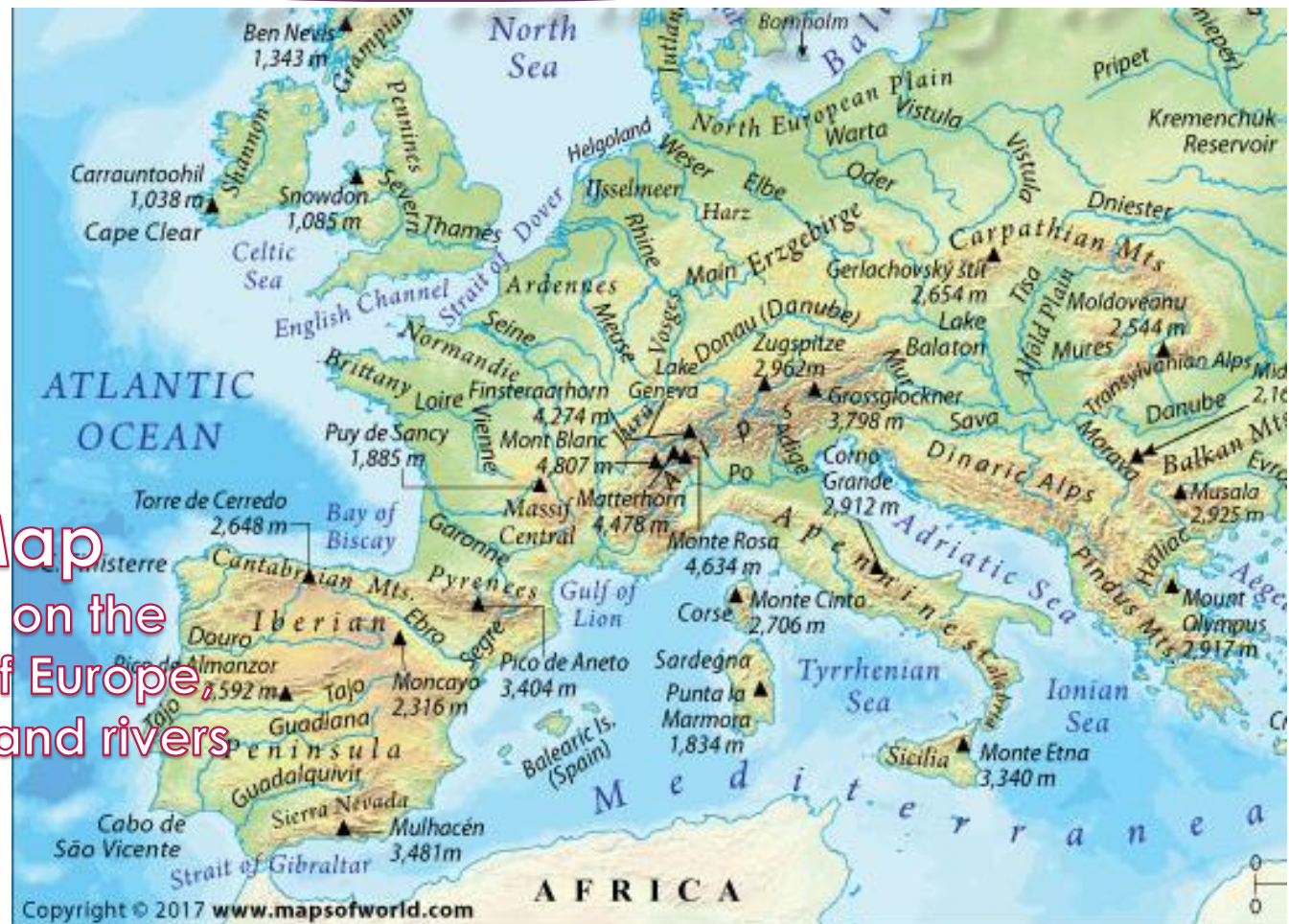
word "population"

Let's Practice

Name that map!

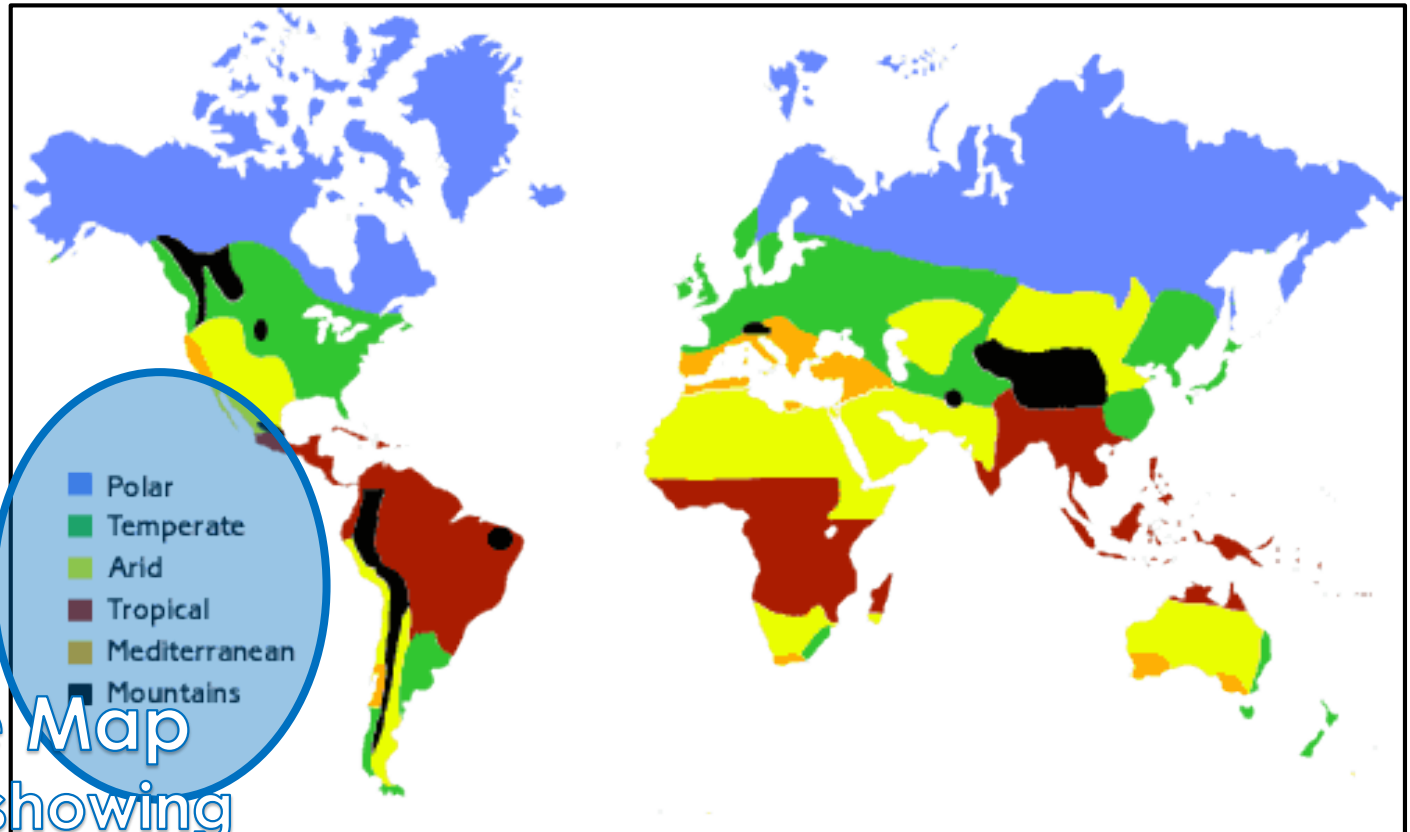
Physical Map

The map focuses on the physical features of Europe such as mountains and rivers.



Let's Practice

Name that map!



Climate Map

The key is showing
the various climates

Other Geographic Tools

Aerial Photographs

- ▶ Photos taken from high above the Earth

Digital Satellite Images

- ▶ Images taken from satellites in outer space

Historical Maps

- ▶ Maps from the past