MY FIRST BRITANNICA



My First Britannica

Europe

6



CHICAGO LONDON NEW DELHI PARIS SEOUL SYDNEY TAIPEI TOKYO

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Volume 6: Europe 2008

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Europe

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Europe

INTRODUCTION

Where is the Emerald Isle?

How is it possible to travel by train from England to France? What is the Parthenon? Why was the Berlin Wall built and torn down?

In Volume 6, **Europe**,

you'll discover answers
to these questions and
many more. Through
pictures, articles, and
fun facts, you'll learn
about the people,
traditions, landscapes,
and history that make
up many of the countries
and cities of Europe.

To help you on your journey, we've provided the following guideposts in *Europe*:

- **Subject Tabs**—The colored box in the upper corner of each right-hand page will quickly tell you the article subject.
- **Search Lights**—Try these mini-quizzes before and after you read the article and see how much—and how quickly—you can learn. You can even make this a game with a reading partner. (Answers are upside down at the bottom of one of the pages.)
- **Did You Know?**—Check out these fun facts about the article subject. With these surprising "factoids," you can entertain your friends, impress your teachers, and amaze your parents.
- **Picture Captions** Read the captions that go with the photos. They provide useful information about the article subject.
- Vocabulary—New or difficult words are in **bold type**. You'll find them explained in the Glossary at the back of this volume. And there's a complete listing of all Glossary terms in the set in the **Reference Guide** and **Index**, Volume 13.
- Learn More! Follow these pointers to related articles throughout the set.
- Maps You'll find lots of information in this volume's many maps.
- The **Country Maps** point out national capitals. **Globes** beside Subject Tabs show where countries are located in the world.
- The **Continent Maps** have a number key showing the location of all countries.

- The **Icons** on the maps highlight major geographic features and climate. Here's a key to what the map icons mean:
- Deserts and Other Dry Areas
- Rainforests
- Polar Regions and Other Frozen Areas
- General Forests

- **Mountains**
- The **Mini-Atlas**, found in Volume 13, offers detailed maps, useful data tables, and assorted photographs of each continent.

And don't forget: If you're not sure where to start, where you saw something before, or where to go next, the Index at the back of this volume and the **Reference Guide and Index** (Volume 13) will point the way.



Have a great trip!

My First Britannica





urope is a continent of many countries and many different peoples. Much of it is made up of islands and peninsulas. A peninsula is a piece of land surrounded by water on three sides. Europe's islands include Iceland and the British Isles in the Atlantic Ocean and Corsica, Crete, Malta, and Cyprus in the Mediterranean Sea. Europe's main peninsulas are the Scandinavian, Iberian, Italian, Balkan, and Jutland peninsulas.

Europe also has many mountain ranges. Important ones are the Pyrenees, the Alps, the Apennines, the Carpathians, and the Balkans. Its long rivers include the Volga, the Danube, the Don, the Rhine, the Rhône, and the Oder.

The rivers provide water for Europe's farms. Wheat and barley are two of Europe's major crops. Southern Europe specializes in fruits, vegetables, olives, and wines. Other crops include oats, corn, sugar beets, and potatoes.

Europe is one of the world's major industrial regions. In fact, the **Industrial Revolution** began in Europe. Today the factories of Europe make many different products.

In the first half of the 20th century, Europe was the center of two world wars. After World War II, the countries of Europe became divided into two groups. In general the Western countries had **democratic** governments and economies that were not controlled by the governments. In the Eastern countries the rulers were not chosen in free elections and the economies were based on **communism**. This means that the governments owned all property and controlled the economies. Some of the Western European countries formed the European Union (EU). The EU helps its member countries with issues such as trade and security. At the end of the century most of the Eastern countries gave up communism and also turned to democracy. Many of them soon joined the EU too.

LEARN MORE! READ THESE ARTICLES...

CHARLEMAGNE (VOLUME 4) • CONTINENTS (VOLUME 1)

STONEHENGE (VOLUME 6)

COUNTRIES OF EUROPE 1. Albania

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- 3. Austria
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- 47. Vatican City
- 48. Wales



Life on the Iberian Peninsula

Portugal is a small country in southwestern Europe. Its capital is Lisbon, and its only neighbor is Spain. Together, Spain and Portugal make up the Iberian **Peninsula**.

Northern Portugal is quite hilly, with many oak, beech, chestnut, and pine forests. Southern Portugal has mostly **plateaus** and plains. Brush and grasslands cover the plains of the south. Portuguese farmers grow wheat, corn, potatoes, and grapes. And although olives grow wild in Portugal, many farmers also plant their own olive trees. Portugal's many cork oaks provide much of the world's supply of cork. Portugal is also famous for its many varieties of wine, including port and Madeira.

Summers in Portugal are dry and mild. Many tourists go to Portugal in the summer to see the beautiful museums, castles, and old churches. Or they go to tour historic cities, such as Lisbon, Coimbra, and Porto. And many go to enjoy Portugal's many beaches.

The national sport of Portugal is *futebol* (football, or soccer).

Portuguese bullfighting is also very popular. It is different from bullfighting in other countries, however. Portuguese bullfighters do not kill the bull in the ring.

Folk music and folk dancing are popular traditions, and most villages have their own *terreiro*, or dance floor. Among the most popular regional dances is the *fandango*. The Portuguese are especially fond of *fado*, a traditional folk song that reflects a sad mood.

Portugal is also famous for its explorers. Ferdinand Magellan led the first expedition to sail around the globe, and Vasco da Gama opened up a trade route around Africa to Asia.

LEARN MORE! READ THESE ARTICLES...
FOLK MUSIC (VOLUME 3) • FERDINAND MAGELLAN (VOLUME 4)
PENINSULA (VOLUME 1)



Portugal shares much of its culture with the people of Spain. Why do you suppose this is true?

Lisbon



KNOMS DID AON

The capital of
Portugal was once
moved to another
country on another
continent. From
1807 to 1821, Rio
de Janeiro in Brazil
was Portugal's
capital. Brazil was
a Portuguese
colony at the time.



Many people travel to Portugal to enjoy the country's beautiful sunny beaches.

© Nik Wheeler/Corbis





A Distinctive European Country



Spain is a country in the southwestern corner of Europe. The capital city is Madrid. Spain borders Portugal and France, but most of the country lies along the Mediterranean Sea and the Atlantic Ocean. The country's

beautiful beaches are favorite European holiday spots.

Spain's rich and complex history has differed in many ways from other western European countries. For instance, several Islamic states were formed on its territory, some lasting for centuries. Most other Islamic states lie farther to the east or south, in the Middle East or North Africa. Modern Spain's cultural variety shows in the different languages spoken there, including Catalan, Basque, Gallego, and, of course, Spanish.

In the 1500s and 1600s, Spain was a world power. It had a powerful navy called the Spanish Armada, and it was the first country to **colonize** much of the Americas. That's why so many people in South America, Central America, Mexico, and the United States speak Spanish and are of Hispanic **heritage**.

Spain features seafood in much of its cooking, with dishes such as paella, a fish-and-rice dish. Spanish farmers produce lots of pork, poultry, beef, and lamb. They also grow wheat, barley, corn, sugar beets, beans, and olives. Spain also grows grapes for its large wine industry.

Bullfighting has long been a favorite pastime of Spaniards. And football (soccer) is also very popular. Another activity found in Spain is the music and dancing known as *flamenco*. *Flamenco* came to Spain with the

Caló (Gitano) people, more commonly known as Gypsies. It is played on guitar as the dancers click wooden castanets and stamp their feet rhythmically.

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FRANCISCO DE GOYA (VOLUME 4)
MADRID, SPAIN (VOLUME 6)
SOUTH AMERICA (VOLUME 9)

Madrid

This village in Spain overlooks one of the country's many vineyards.

© Patrick Ward/Corbis



City of Tauromaquia

ing Phillip II wanted to establish a capital that wasn't linked with Spain's earlier ruling powers. He chose Madrid. After it became the capital in 1607, Madrid grew into a city of contrasts. Around its old overcrowded center developed palaces, convents, churches, and public buildings.

The Puerta del Sol is Madrid's main plaza, or public **square**. The busiest streets of the city start from the Puerta del Sol. From there you can



The bullfighter Frascuelo at Las Ventas bullring in Madrid.

© Carlos Alvarez/Getty Images

easily get to such major attractions as the Prado art museum. The Prado has a worldfamous collection of paintings, including work by El Greco, Francisco de Goya, Diego Velázquez, and many other artists.

The **botanical** gardens are close to the Prado. They are said to have nearly 30,000 kinds of plants. Madrid has more than 40 parks and public gardens. Important ones include the Retiro, Campo del Moro, Casa de Campo, and Oeste

Park. Also near the Puerta del Sol is the National Palace. It has one of the world's greatest collections of armor and swords. The National Library has many rare books.

Spanish food is popular in many other countries. A meal might include *gazpacho*, a thick chilled soup made with tomatoes and other vegetables, and *boquerones*, freshly fried anchovies. Madrid is famous for its anchovies, a popular food fish. Flan is a favorite dessert, similar to a caramel custard.

Tauromaquia is the Spanish word for bullfighting. Bullfighting is one of Spain's time-honored traditions. In Madrid, bullfights are held in Las Ventas, the 25,000-seat bullfighting ring. Thousands of people go there to cheer their favorite matadors, the main performers in a bullfight.

Boquerones
refers to
a) fried anchovies.
b) a plaza.
c) a cold soup.
d) a bullfight.

LEARN MORE! READ THESE ARTICLES...

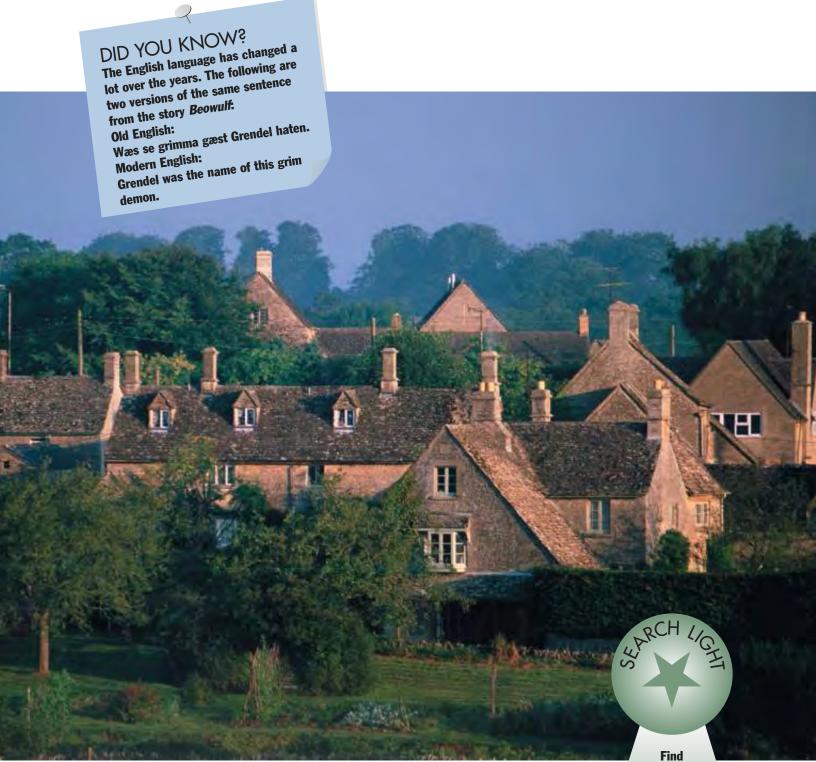
FRANCISCO DE GOYA (VOLUME 4) • PAINTING (VOLUME 3) • SPAIN (VOLUME 6)

The Plaza Mayor is one of Madrid's most well-known public squares.

Today its grand buildings overlook many shops and outdoor cafés.

Patrick Ward/Corbis



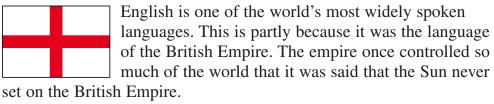


The English countryside contains many small villages such as this one in the south-central Cotswold district.

© Nik Wheeler/Corbis

and correct
the error in the
following sentence:
William Shakespeare
was a famous
English novelist.

Heart of a Language and Culture



England, the birthplace of English, takes up most of the island of Great Britain. It is one of the four lands that form the United Kingdom. The English that people speak there today is quite different from the English that was spoken long ago. If you were to read a book by Geoffrey Chaucer, one of the early writers of English, someone would have to explain to you what many words mean.

England has produced many famous writers since Chaucer. They include such poets as John Milton and Percy Bysshe Shelley and such novelists as Jane Austen and Charles Dickens. England is also known for its theater. That art has remained important since the time of playwright William Shakespeare some 400 years ago.

England's Oxford and Cambridge are two of the oldest universities in the world. The country's contributions to classical and folk music, as well as to rock and roll, are also important. It's hard to imagine what rock would be like if there hadn't been English performers such as the Beatles, the Rolling Stones, and David Bowie.

The English also invented two of the world's most popular sports: football (known as "soccer" in the United States) and cricket.

LEARN MORE! READ THESE ARTICLES... A British Legend: King Arthur's KNIGHTS OF THE ROUND TABLE (VOLUME 5) ENGLISH CHANNEL (VOLUME 6) • WILLIAM SHAKESPEARE (VOLUME 4)



city on the Thames

London is the capital of the United Kingdom. It lies in southeastern England, on the banks of the River Thames. Long ago the Romans built a city near the mouth of the river. They called it Londinium. That's how

Guards parade in front of Buckingham Palace.

© Graham Tim—Corbis/Svgma

London got its name.

Tourists and Londoners alike use London's public transportation system. The red double-decker buses are recognized worldwide. And the city's underground railway—called the "tube"—has been reliably shuttling passengers throughout London since 1884. The city is full of **monuments**, historic buildings, and other interesting sights. The Tower of London is one

of the city's oldest structures. It was built by William the Conqueror as a fortress. It also served as a prison, and its famous prisoners included Sir Walter Raleigh and Elizabeth I before she became queen. The tower is now a museum that contains England's crown jewels.

Other famous buildings include the Houses of **Parliament** (also called Westminster Palace). That building has 1,100 rooms and two miles of **corridors**. It also has a tower clock called Big Ben, whose huge bell weighs more than 13 tons. Nearby is Westminster Abbey, an ancient church where England's kings and queens are crowned. Buckingham Palace is the home of the queen of England.

London's British Museum is the oldest museum in the United Kingdom. It has a vast collection of things from all over the world. It also has one of the world's largest libraries. Another well-known museum is Madame Tussaud's, which has wax statues of famous people.

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CHARLES DICKENS (VOLUME 4) • ELIZABETH I (VOLUME 4)

ENGLAND (VOLUME 6)

DID AON KNOMS

September 2-5, 1666, marks
the dates of the worst fire in
London's history. The Great Fire
of London destroyed a large part
of the city, including most of
the civic buildings, Old St. Paul's
Cathedral, 87 churches, and
about 13,000 houses.

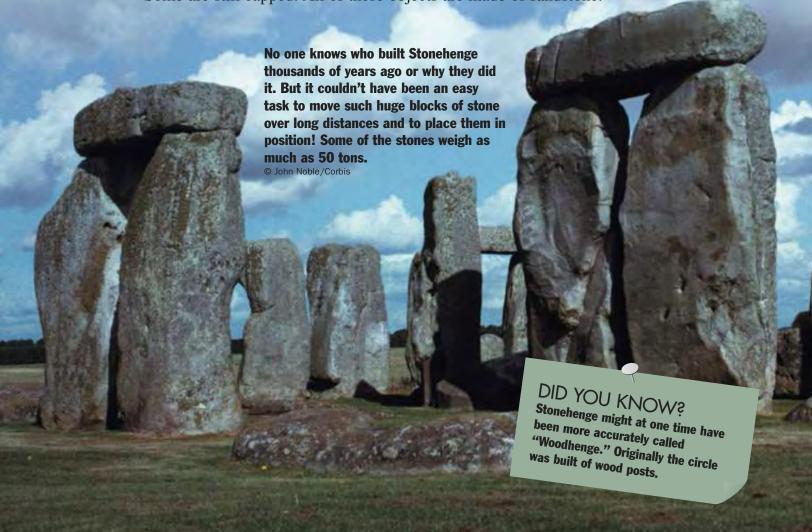


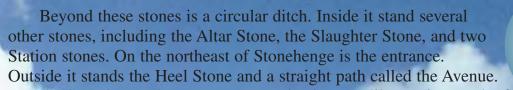


Stonehenge is a very special monument in England. It's said to be more than 5,000 years old. The "henge" in its name refers to circular structures from ancient times. In this case it refers to the circle of huge stones that stand upright at the center of the monument.

No one knows exactly why Stonehenge was built. Some people believe it might have been used as a device for **predicting** the movement of the Moon. Others think it was a temple for worshiping the sky or the Sun.

Stonehenge includes the largest stone constructions in the British Isles. The monument's biggest stones are arranged in the shape of a horseshoe and are surrounded by another big circle of upright tall stones. Originally all of these surrounding stones had stones on top, covering them like caps. Some are still capped. All of these objects are made of sandstone.





The Stonehenge that you can see today is more like a ruin. Much of it has probably disappeared with time and with changes brought on by weather over thousands of years. Still, it is an awe-inspiring sight.

LEARN MORE! READ THESE ARTICLES...

ASTRONOMY (VOLUME 2) • THE GREAT WALL (VOLUME 7)

ROCKS AND MINERALS (VOLUME 1)

Find and correct the error in the following sentence:
Stonehenge was built as a temple for worshiping the Sun.





Land of Mountains and Heath





Scotland, the northernmost part of the island of Great Britain, is a nation famous for its natural beauty. Pinewood forests dot the Highlands. Dwarf willows grow on the highest slopes of the Grampian Mountains just

below the snow-covered peaks. But perhaps the most famous of Scotland's plant life is the heather, a kind of **heath**. The word heath is also used to describe the wild wide-open stretches of rough land of Scotland's countryside.

Scotland has been part of the United Kingdom since the 18th century. Its capital is Edinburgh. Scotland's largest city is Glasgow, an industrial center.

Scotland has made many economic and cultural contributions to the world. Writer Robert Louis Stevenson wrote the well-loved *Treasure Island* as well as the horror story Dr. Jekyll and Mr. Hyde. And poet Robert Burns is claimed by Scots as their national poet.

Many visitors to Scotland go there to see its castles and **abbeys**. Tourists to Scotland enjoy the country's wildlife. Deer, foxes, badgers, and wildcats can be seen in the countryside. Golden eagles, peregrine falcons, and kestrels fly overhead. Almost half the world's gray seals breed off the coast in Scottish waters. And sometimes whales can be seen too.

Many tourists also visit the country's largest lake, Loch Ness. Though its famous Loch Ness monster is probably a myth, many sightings of the monster have been reported. And the possibility that it may exist continues to fascinate many people.

LEARN MORE! READ THESE ARTICLES... DANCE (VOLUME 3) • EDINBURGH, SCOTLAND (VOLUME 6) MYTHS AND LEGENDS, FOLKTALES AND FABLES (VOLUME 5)

A Scottish farmer stands in a pasture with one of his Highland cattle. His knee-length pleated skirt, called a "kilt," is part of the traditional clothing of men from Scotland.

© Dewitt Jones/Corbis





guess what Auld means in "Auld Reekie?" (Hint: It sounds the same in English.)

Edinburgh Castle sits high up on Castle Rock, some 250 feet above the rest of Edinburgh. The site may have been used as a fortress as early as the 6th century.

© Larry Lee Photography/Corbis

Fortress on a Hill

dinburgh is the capital city of Scotland. In the old Scottish Gaelic language, the city's name is Dun Eideann and means "fortress on a hill." People also call Edinburgh "Auld Reekie." "Reek" means "smoke," and Edinburgh got its nickname from the heavy smoke and odors that resulted when the people used a lot of coal.

Edinburgh is built on a chain of low hills separated by valleys. The city is made up of the Old Town and the New Town. The Old Town is part of the original burgh, or village. It stretches from the Castle Rock to the Netherbow Port. On top of the Castle Rock is Edinburgh Castle. The castle used to be the home of Scottish kings. Now it is a museum of old armor and weapons.

The part of the city called New Town was built beginning in the 1700s. There are two main streets in New Town—the Royal Mile and Princes Street. The Royal Mile leads up to the Palace of Holyroodhouse, where you can see the rooms of Mary, Queen of Scots. To the south of the palace is a mass of rock more than five miles around. It's called Arthur's Seat. Princes Street has many hotels, clubs, banks, and shops and is the main street of Edinburgh. The Princes Street Gardens feature the world's first clock made of flowers. Princes Street also has a monument to the famous writer Sir Walter Scott, who was born in Edinburgh.

The annual Edinburgh International Festival attracts hundreds of thousands of arts, theater, and music lovers. It ends with the playing of bagpipes in front of the castle gate.

LEARN MORE! READ THESE ARTICLES...

ARCHITECTURE (VOLUME 3) • SCOTLAND (VOLUME 6) • THEATER (VOLUME 3)

KNOMS DID AON

The
Encyclopædia
Britannica, the
first Englishlanguage
encyclopedia,
was first
published in
Edinburgh in
1768.



The Emerald Isle



Ireland is a land with no snakes. Legend has it that St. Patrick banished them all. But the real reason is that Ireland is an island, and snakes have not lived there at

least since the last Ice Age thousands of years ago.

Ireland is close to the larger island of Great Britain, in northwestern Europe. The smaller northern part of the island is called Northern Ireland and is part of the United Kingdom. Northern Ireland's capital is Belfast. The larger part of the island is the Republic of Ireland and is usually simply called Ireland. The capital of this independent country is the city of Dublin.

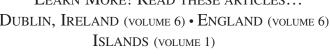


How did Ireland get its nickname of the Emerald Isle?

Because of its location in the Atlantic Ocean, Ireland has a mild **climate** most of the year. It rains quite often, with the hilly parts of the island getting nearly 100 inches of rain each year. The land is covered with grasslands and green mosses. Some people call Ireland the Emerald Isle because it is so beautifully green. The green lowlands and mild climate make Ireland a good place to raise cattle and sheep. Barley, wheat, and potatoes also grow well. In fact, potatoes were once almost the only food people ate. But in the 1840s disease ruined the potato crops, and many people starved or left Ireland for other countries, especially the United States.

Ireland was once a colony of Great Britain. It gained its independence in the 20th century, though Northern Ireland remains part of Britain. Ireland is very popular with tourists, and Irish music and culture are famous throughout the world.

> LEARN MORE! READ THESE ARTICLES... DUBLIN, IRELAND (VOLUME 6) • ENGLAND (VOLUME 6) ISLANDS (VOLUME 1)



Cattle graze in a field in County Kerry, Ireland. © Galen Rowell/Corbis



City on the Liffey River

Dublin is the capital of the Republic of Ireland. The city's name means "black pool" in Irish. The River Liffey, which flows through the city, creates dark **bog** waters nearby.

DID YOU KNOW?

To impress your friends, try this
Gaelic phrase on them: "Go raibh
mile maith agat!" It means "May
you have a thousand good things."

Near the River Liffey is Dublin Castle, which was the headquarters of the English governor when Ireland was a part of the United Kingdom. It is now where Ireland's presidents are sworn into office. In the 19th and early 20th centuries, when Ireland was a colony of Britain, the city was a center of resistance to British rule.

Leinster House is where the **parliament** meets. The twin buildings on either side of Leinster House are the National Library and National Museum of Ireland. Merrion **Square** stands to the east, and Fitzwilliam Square is to the south. They were built more than 200 years ago. The oldest and largest of the city's squares is St. Stephen's Green.

Phoenix Park was once a royal deer park. It lies on the north bank of the Liffey, and it's nearly 30 square miles—making it one of the world's largest city parks. Its zoo is famous for breeding lions.

Theater is an important part of Dublin's history. The famous Abbey Theater is linked with names such as the poet William Butler Yeats and dramatists John Millington Synge and Lady Gregory. It is on Synge Street that the great dramatist George Bernard Shaw lived.

Many who visit Dublin climb the mountains just outside the city. From there they can see the whole city spread out below. Those who look carefully can see all the famous buildings and squares.

LEARN MORE! READ THESE ARTICLES...
ENGLAND (VOLUME 6) • THEATER (VOLUME 3)

Unscramble
these words
that have to
do with Dublin:
ifLfye
klabc lopo
drllane



Halfpenny Bridge spans the River Liffey. It is one of the many bridges connecting the north and south of Dublin. This bridge got its name from the toll you used to have to pay to get across.

© Macduff Everton/Corbis

Land of the Song



Wales is a beautiful land of hills, valleys, and ancient castles. Located on the western edge of the island of Great Britain, it's one of the four countries that today make up the United Kingdom. Wales is called "Cymru" (pronounced "Coomrie") in

the Welsh language, and its capital, Cardiff, is called "Caerdydd." Some people still speak Welsh, but Wales's main language is English.

The rough Welsh countryside was created long ago by rivers of ice called "glaciers." Wales's many mountains—including the highest one, Snowdon—were formed mostly from volcanic rock. Along the coast are fabulous cliffs overlooking pebbled and sandy beaches. Seabirds and shorebirds are commonly seen, and bottlenose dolphins live in Cardigan Bay off the west coast.

Coal mining was once the most important part of the Welsh economy. Today, very little coal is still mined in Wales. Many more people now work in manufacturing, especially in the car, chemical, and electronics industries.

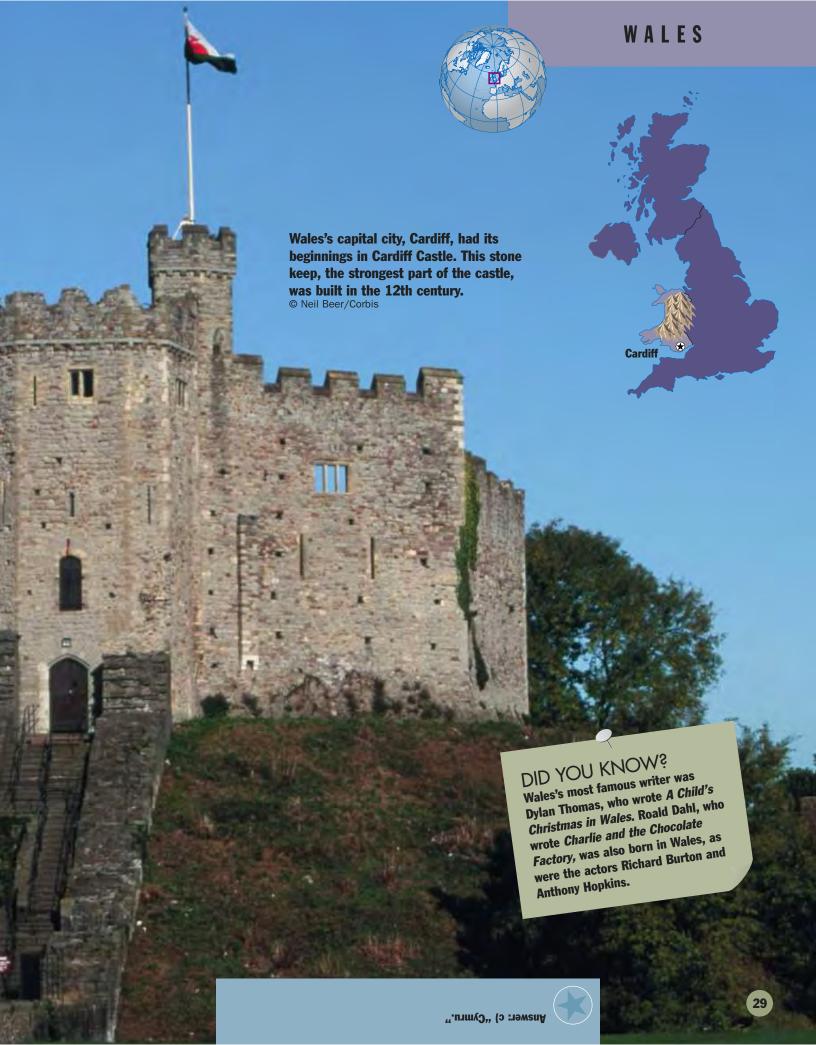
Many tourists visit Wales to see its parks and castles and to attend its many music festivals. The largest is the annual Eisteddfod, a celebration of poetry and music that began in 1176. Music is so important in Wales that it is called the "land of the song." Choral (group) singing is especially popular among the Welsh people.

Nearly 2,000 years ago the ancient Romans built a small fort where the Welsh capital, Cardiff, now stands. Hundreds of years later, invaders from England built a castle on that same site. Cardiff eventually grew there and became an important shipping center. Cardiff Castle remains one of the city's most impressive buildings.

LEARN MORE! READ THESE ARTICLES...
ENGLAND (VOLUME 6) • FOLK MUSIC (VOLUME 3)
MOUNTAINS (VOLUME 1)

In the
Welsh language,
the name for the
country of Wales is

- a) "Eisteddfod."
- b) "Caerdydd."
- c) "Cymru."



"The Sleeve" Between England and France

The English **Channel** is a narrow arm of the Atlantic Ocean. It separates England from France. The French call it La Manche, which means "the sleeve."

The English Channel is 350 miles long. Its widest point is between Lyme Bay in England and the Gulf of St. Malo in France. The channel has important ports on both sides. These are Plymouth, Southampton, Portsmouth, and Dover in England, and Cherbourg, Le Havre, Dieppe, and Calais in France. Dover is famous for its white cliffs, which are made of chalk.

There are many tourist resorts on the shores of the channel. Visitors go there to enjoy the sandy beaches and bright sunshine when the weather is good. Two famous resorts are Brighton in England and Deauville in France.

Fill in
the blank:
The French call
the English Channel
"_____," which
means "the sleeve."

More than 100 years ago people thought of connecting the two banks of the channel by an underwater tunnel. The idea was discussed and given



A hovercraft leaves the harbor at Dover, England, on the English Channel.

Alvey & Towers

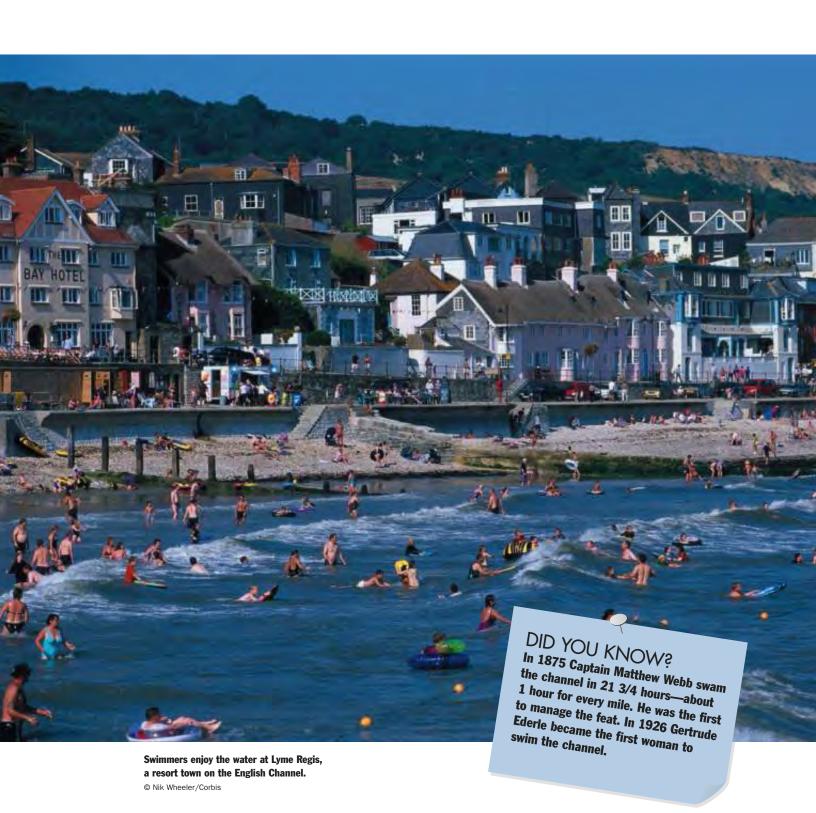
up several times. France and Great Britain finally signed the Channel Tunnel treaty in 1986. The construction work started the following year.

Today the Eurotunnel is very important for travel. The Chunnel—its nickname, from "channel" and "tunnel"—is about 31 miles long and is considered a marvel of **engineering**. The two ends of the tunnel are near the narrowest distance across the channel.

One end is at Folkestone in England and the other is at Calais in France. Many tourists travel through it just to say they've been under the English Channel.

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CHALK (VOLUME 1) • ENGLAND (VOLUME 6) • FRANCE (VOLUME 6)



Answer: The French call the English Channel "<u>La Manche</u>," which means "the sleeve."

Country of Castles, Wine, and History

For hundreds of years France was one of the most prized countries of Western Europe. One reason is that France has wonderful farmland.

Many types of crops and plants are grown in France because of the plentiful water from France's rivers. And the French have made good use of their generous harvests—fine French cooking has long been internationally appreciated.

But France may be even better known for its wines. There are miles of lovely green vineyards—areas for growing grapes. The **champagnes** and wines made from these grapes are famous throughout the world.

The French river valleys are full of historic and beautiful old castles, called *chateaux*. These were built of stone, with thick walls that protected the people inside from attacks. At first the *chateaux* were used as forts, but later they were used as homes for the **nobility**. The king and the nobility ruled France until they were overthrown in the French Revolution of 1789. Ten years later the famous leader Napoleon began his rule of France.

Many tourists visit France to see its famous monuments and cathedrals and its beautiful countryside. Some popular spots, such as the palace of Versailles, are located outside the capital city of Paris. Others, such as the

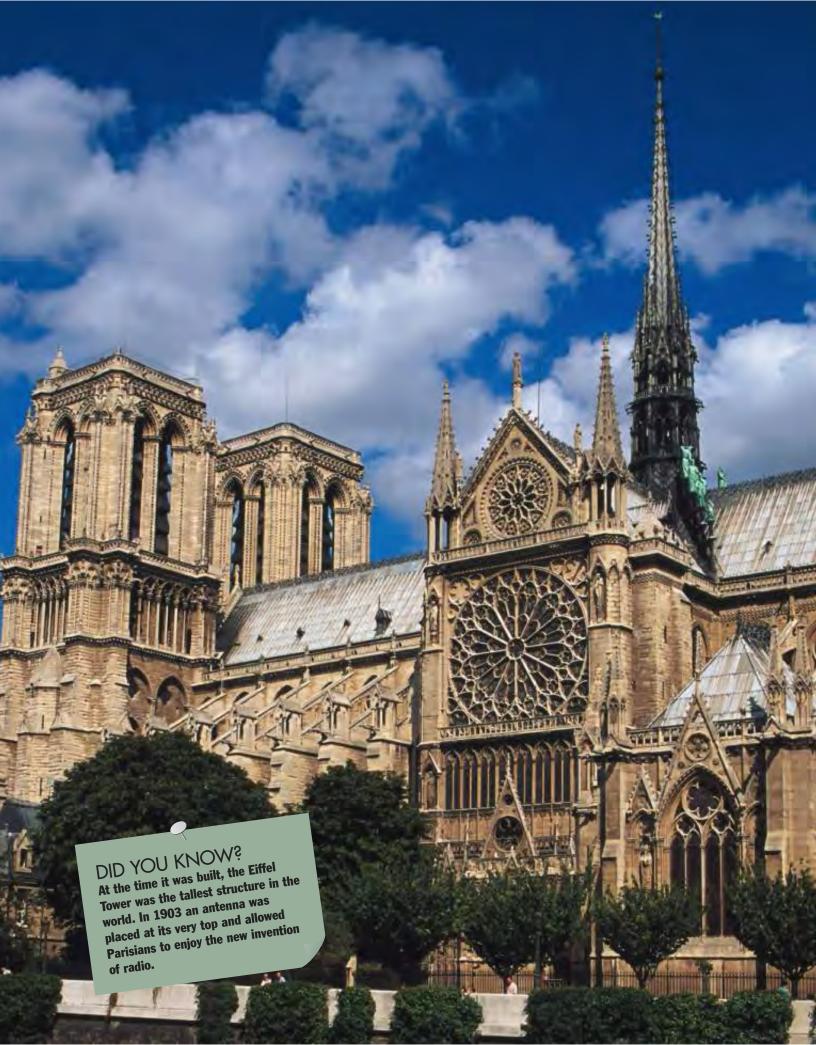
Eiffel Tower and the Cathedral of Notre Dame, are inside Paris. Other big French cities include Marseille, Lyon, and Nice.

France is separated from England by a narrow body of water called the English Channel. Today high-speed trains travel between the two countries through the Channel Tunnel, which was built underneath the Channel.

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ENGLISH CHANNEL (VOLUME 6) • GRAPES (VOLUME 10)
AUGUSTE RODIN (VOLUME 3)

Find and correct the error in the following sentence: Today high-speed trains travel through the tunnel underneath the English Channel that connects France with Belgium.





Lovely City of Ligh

ne of the most beautiful cities of Europe is Paris, the capital of France. It has many lovely old buildings, monuments, gardens, plazas, cafés, **boulevards**, and bridges. Because many of these sights are lit at night, Paris is called the "City of Light."

The Seine River flows through the center of Paris. Visitors enjoy touring Paris by riding a boat down the river. One of the most impressive sights on this trip is the Chaillot Palace. It stands on the right bank of the Seine—that is, the right side when you're facing downstream, the direction the water flows. The palace now contains museums and theaters. The Cathedral of Notre Dame,



Paris called the "City of Light"?



The Eiffel Tower at twilight. © Lance Nelson/Corbis

one of the most famous church buildings in the world, can also be seen from the river.

And it is awe-inspiring when seen lit up at night.

The Louvre Museum is known throughout the world for its fine collection of art. But which is the best-known landmark of Paris? That would be the Eiffel Tower. It was designed by Gustave Eiffel in 1889 for an international fair.

At first the people of Paris disliked the tall tower, which was almost 1,000 feet high. They thought it was ugly and ruined the beauty of Paris. But when the tower was finished and the fair was opened, many people saw Eiffel's impressive work and changed their minds. They

liked the graceful tower of iron that was strung with lights and stretched into the sky. Today millions of people from all over the world visit the Eiffel Tower each year.

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The Cathedral of Notre Dame in Paris is considered an architectural masterpiece. People travel from around the world to see it, along with the city's other marvels. © Fotografia, Inc./Corbis





Country of Windmills and Dikes



The Kingdom of the Netherlands is located in northwestern Europe. Although Amsterdam is the country's capital, the Hague is the home of the government and the courts.

Other important cities are Rotterdam and Utrecht. The Netherlands is also known as Holland, and its people are called the Dutch.

Much of the Netherlands is made up of "reclaimed land." This means that lakes, marshes, and low-lying land located at or below sea level have been drained and made into usable dry land. Such areas are called "polders." The polders are surrounded by dams called "dikes." Without the dikes, much of the Netherlands would be flooded. People once used windmills to help drain water from flooded lands. Many windmills still dot the landscape. But today electric or **diesel** pumps are used to pump the water out.

Several rivers flow through the central Netherlands. They used to be filled with lobsters and fish, but water pollution has killed many of these animals. Many seabirds and other sea creatures such as mollusks can be found in coastal areas.

Throughout history the Netherlands has been known for producing flowers, especially tulips. The butter, cheese, and condensed milk from the country's dairy farms are famous the world over. Hundreds of years ago Dutch seamen were the leading merchants of Europe. Today **commercial** ships keep the harbors and ports of the Netherlands very busy.

Art has a long tradition in the Netherlands. The most famous Dutch painters were Rembrandt

and Vincent van Gogh.

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DID AON KNOMS

Tulips are grown all over the Netherlands, and the country is famous for them. A few hundred years ago, these flowers were considered so valuable in the Netherlands that a house or a business might be exchanged for a single tulip bulb.

Amsterdam





City of Canals and Bridges

ong, long ago Amsterdam was a small fishing village. It was called Amsteldam then because it was close to a dam built across the Amstel River. Today Amsterdam is a busy and important city. It is the capital of the Netherlands.

Amsterdam is located in a low-lying area on a lake called the IJsselmeer. (IJ is pronounced "eye.") The Amstel River flows through the city toward the waterway known as the IJ, which was once part of an inlet of the North Sea. Parts of Amsterdam lie on land that has been reclaimed from marshes, lakes, or the sea. Many dikes and canals keep the water from rushing back in over the city.

Canals are spread all over the city like a cobweb. They divide the inner city into nearly 90 islands that are connected by about 1,300 bridges. Tourists go to Amsterdam for sightseeing trips along the canals. Many people who live in Amsterdam ride bicycles to and from work.

Amsterdam is full of things to see. In the inner city are the Old Church and the New Church. The Old Church is more than 700 years old. The New Church is only about 500 years old. Next to it is what used to be the city hall and is now the Royal Palace. There are also a South Church and a West Church. The famous painter Rembrandt is buried in the West Church.

Amsterdam is one of the most important places for diamond cutting and polishing. Many of the world's most famous diamonds have passed through Amsterdam.

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DID AOR KNOMS

Unlike other national capitals, Amsterdam is not where the Netherlands' government is located. The city called The Hague is home to the country's courts and government. This makes it the administrative capital of the Netherlands.

Amsterdam's main canals form a series of rings around the inner city, and smaller canals crisscross them. Using this network, a boat can move easily between parts of the city. @ Patrick Ward/Corbis





A Country Reunited



Although Germany, in the heart of central Europe, has a long history, it is actually a young country. For many years various princes and dukes and bishops ruled small states in the region. It was not until 1871 that these

became united as a single nation.

Germany has produced many renowned musicians, writers, artists, scientists, and athletes. Such figures include writer Johann Wolfgang von Goethe and composer Ludwig van Beethoven.

In the early 20th century, Germany became involved in two world wars. The country was on the losing side of World War I and as a result suffered through difficult times. Many of the people were unhappy, and some supported Adolf Hitler, who wanted to make Germany strong again. As the leader of the Nazi party he soon took control of the country. Germany then tried to conquer several neighboring countries. The conflict over these actions developed into World War II.

After Germany was defeated in 1945, the country was divided into East and West Germany. East Germany became a **communist** country. Its rulers controlled both the government and the economy. Berlin, the former capital of Germany, was in East Germany, but it was also divided. In 1961 the East German government built the Berlin Wall to separate the two sides of the city. Many families were split up and could no longer visit each other.

In 1989 the Berlin Wall fell and the communist government of East Germany came to an end. On October 3, 1990, Germany became one country again. Berlin became its new, undivided capital.

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BERLIN, GERMANY (VOLUME 6) • ANNE FRANK (VOLUME 4)





Once upon a Wall

Berlin, the capital of Germany, was bombed to World War II. After the war mostly rubble during World War II. After the war the city was slowly rebuilt, and Germany was split into two separate countries.

The city of Berlin was actually located in East Germany, but half of the city belonged to West Germany. In 1961 the East German government built the Berlin Wall to divide the city's western and eastern sections. The wall was unpopular with many Germans because it separated families and kept them

from seeing each other. Nearly 200 people were killed trying to pass from East Berlin into West Berlin.

In 1989, however, the Berlin Wall was torn down. The next year the two parts of Germany became a single country again. And Berlin was once more its undivided capital.

The rubble caused by bombing during World War II was used to build hills. The highest of these is called Teufelsberg, which means "Devil's Mountain." The 380-foot-high hill is now used for winter sports such as skiing and sledding.

Berlin has many historic buildings that survived the war. Important ones include the Brandenburg Gate, Charlottenburg Castle, and the Kaiser Wilhelm Memorial Church. At the top of the Brandenburg Gate is a stone chariot with four horses. It was shattered during the war but was remade. Like the Berlin Wall, the Brandenburg Gate was an important symbol of the division between East and West Germany. Today it is a symbol of peace and unity for the German people.

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DID AON KNOMS

The Berlin Wall was built overnight and surprised the world. It was guarded at all times, and very few people were allowed to cross through it. Of those who tried to sneak through, some were successful, but many were caught and punished and many killed.

Snow and chocolates

Switzerland's great beauty draws visitors from all over the world to its snowcapped mountain ranges, blue lakes, green pastures, and the tall trees covering the mountainsides. Switzerland is a country in central Europe. Bern is its capital city, and its people are the Swiss. Its neighboring countries are Germany, Austria, Liechtenstein, Italy, and France. Because of its close contact with these countries, Switzerland's official languages include German, Italian, and French.

The mountains known as the Alps cover more than half of Switzerland. The Jura Mountains occupy more than another tenth of the country. The Mittelland **plateau** is a flatland that lies between the two mountain ranges.

Because it has so many mountains,

Switzerland has bridges and tunnels that help people travel within the country. The tunnels that run through the Alps are among the world's longest.

High up in the Alps you'll find snow and ice all year long. With so much snow, Switzerland has become known for

its winter sports. People travel from all over the world to ski, skate, and sled in the **resort** towns of St. Moritz, Gstaad, and Interlaken. The mountain resorts are also popular in summer for activities such as boating, swimming, hiking, and mountain climbing.

The highest grape-growing area of central Europe is located in the Swiss Alps, at an **altitude** of 3,900 feet. Most people know Switzerland better for its watches and cheese, both of which are world famous. And so are the delicious chocolates the Swiss make!

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CACAO (VOLUME 10) • ITALY (VOLUME 6) • MOUNTAINS (VOLUME 1)



The Matterhorn, a mountain peak in the Alps, rises above a valley in Switzerland.

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Land of the Blue Danube



Austria is a small beautiful country in central Europe. Most of Austria is covered with woods and meadows, so it looks quite lush and green. The lowland forests are filled with beech, birch, and oak. Fir trees cover most of the

foothills, while high up on the mountains grow larch and stone pines.

Roaming in the forests are wild animals such as brown bears, deer, hares, foxes, and badgers. The birds of the meadows and woods include eagles, falcons, owls, and storks. The Danube River drains almost the entire country, and the main lakes are Lake Constance and Neusiedler Lake.

The chain of mountains called the Alps stretches across the country for nearly 340 miles from east to west. The highest peak, called

Grossglockner, is 12,457 feet above sea level. Austria has so many mountains that only about half the land is good for farming.

Austria attracts visitors with much more than scenery. Those who enjoy winter sports head for the many ski resorts in the Alps. Fans of theater and music flock to Salzburg every summer

for a festival of plays and concerts. Music written by the great Austrian composer Wolfgang Amadeus Mozart is often performed at the Salzburg Festival.

Austria can satisfy not only the eyes and ears but also the appetite. Pastries such as the chocolate Sacher torte are among its most famous products.

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WOLFGANG AMADEUS MOZART (VOLUME 4)

VIENNA, AUSTRIA (VOLUME 6)

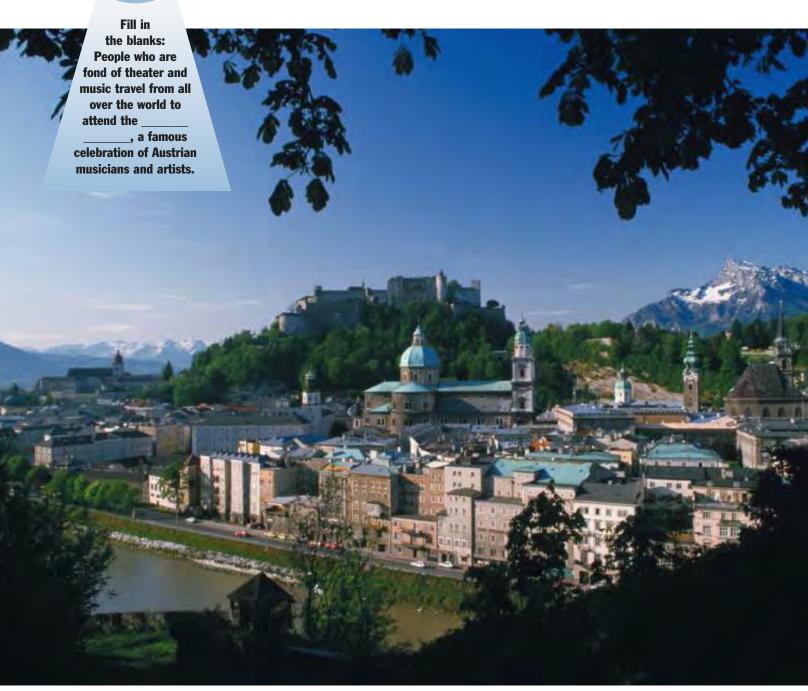
DID YOU KNOW?

Aside from pastries, you may know

Aside from pastries, you may have the name Vienna from another food. the name Vienna from another food. Wieners (also known as frankfurters or hot dogs) were named after Vienna, which is known as Wien in the German language.

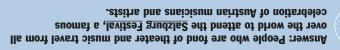






The city of Salzburg was the birthplace of the composer Wolfgang Amadeus Mozart. It has been a music center for centuries and now hosts the Salzburg Festival every summer.

© Adam Woolfitt/Corbis



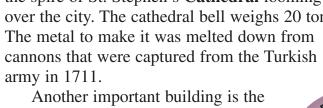


City of Music

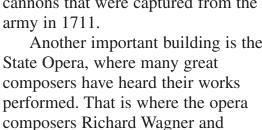
Vienna, the capital of Austria, is famous for its music and its splendid buildings, especially the museums and palaces. What you might find surprising is that Vienna today looks very much like it did hundreds of years ago.

Visitors may take a trip through the city streets in a horse-drawn carriage called a "fiacre." No well-dressed fiacre driver would be seen

> black hat, according to custom. One of Vienna's most impressive sights is the spire of St. Stephen's Cathedral looming over the city. The cathedral bell weighs 20 tons. The metal to make it was melted down from cannons that were captured from the Turkish



without a colorful shirt and an old-fashioned





The Vienna State Opera House. © Rovalty-Free/Corbis

Giuseppe Verdi conducted and where Gustav Mahler was director. The State Opera opened in 1869 with a performance of Wolfgang Amadeus Mozart's Don Giovanni.

Museums have been made from houses of famous **composers** Joseph Haydn, Mozart, Ludwig van Beethoven, Franz Schubert, and Johann Strauss. Before they became famous, Haydn and Schubert were members of the Vienna Boys' Choir. The choir was started in 1498 and still performs in the Hofburg Chapel on Sunday mornings. Now you can see why Vienna is called one of the music capitals of the world.



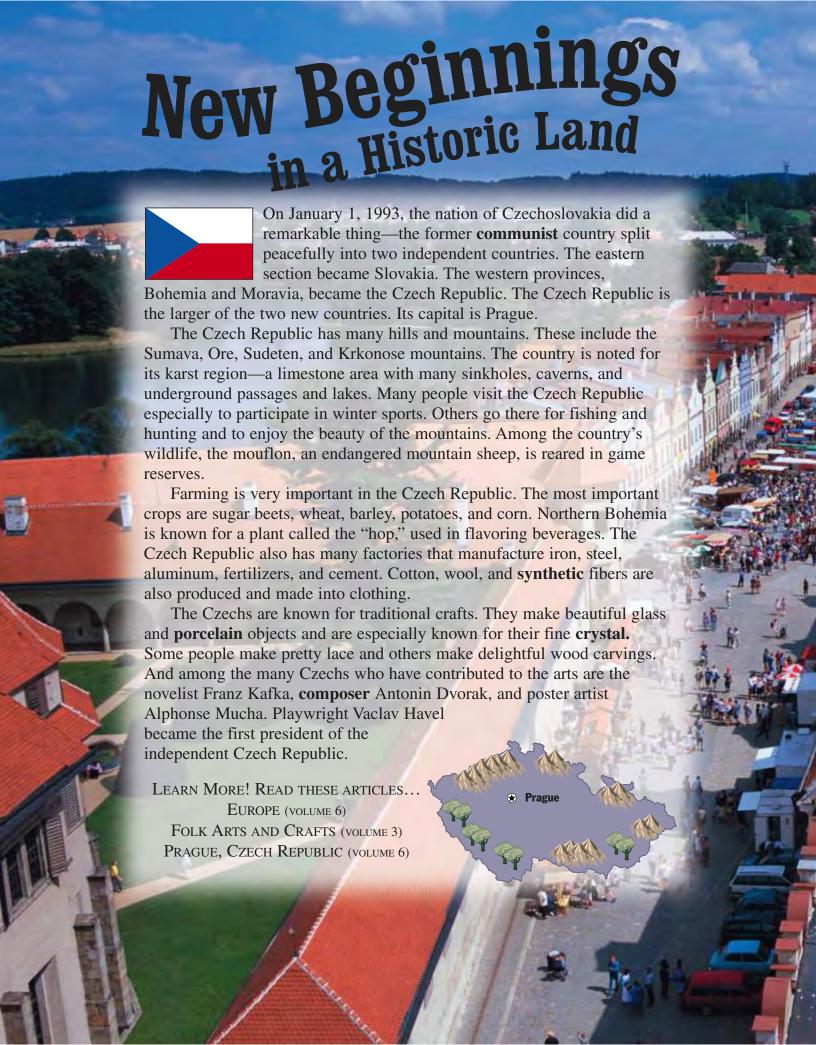
Fill in the blank: Because of the many famous composers who have lived there, Vienna is known as one of the capitals of the world.

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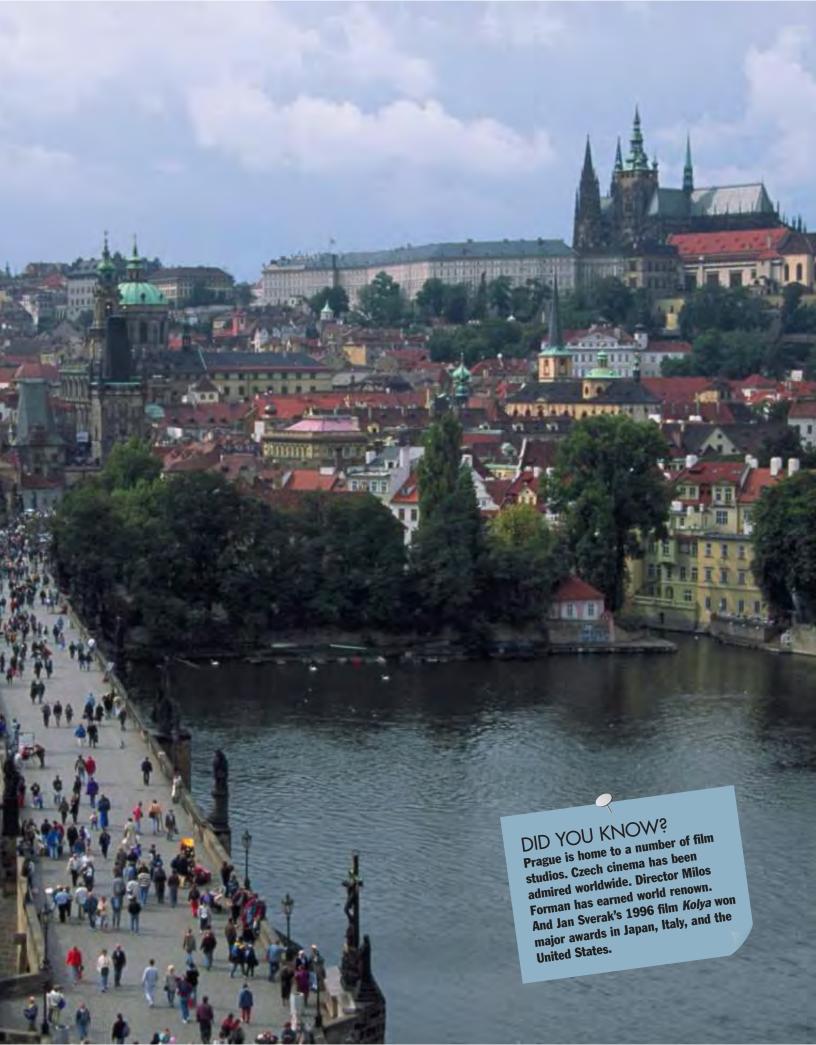
One of the many historic buildings in Vienna is the Schonbrunn Palace. The palace was once the home of many Austrian rulers but is now a museum. @ Adam Woolfitt/Corbis

> there, Vienna is known as one of the music capitals of the world. Answer: Because of the many famous composers who have lived









City of 100 Spires

Prague is nicknamed the "City of 100 Spires" because of its many church steeples. It is the capital of the Czech Republic and is known as Praha to the people who live there.

Prague lies on the banks of the Vltava River. The city center has many historic buildings, bridges, and museums. From the beautiful Charles Bridge, you can see the great castle of Hradcany, also called Prague Castle, which was first built in the 9th century. It is now the home of the president of the Czech Republic.

At the center of the Old Town is the Old Town Square, where the 600-year-old Tyn Church is found. The church clock tells the season as well as the time. In the center of the square is a statue of Jan Hus, a religious leader who died in 1415 but is still a hero to the Czech people.

Southeast of the Old Town is a broad street called "On the Moat." It divides the old and the new parts of Prague. It is now the main shopping street. At its northern end stands the old city gate, called Powder Tower.

In the center of Prague is Wenceslas Square. At one end of this broad public square is the National Museum. Long ago Wenceslas Square was the city's horse market. It now has many hotels, stores, and cafés. Charles University (also called the University of Prague) was started in 1348 and is the oldest university in central Europe. Prague also has the oldest Jewish cemetery in Europe.

Unfortunately, much of this beautiful city was damaged during the great flood of 2002.

The river that runs through Prague is called the

- a) Vistula.
- b) Vltava.

c) Volga.

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CZECH REPUBLIC (VOLUME 6)

Charles Bridge spans the Vitava River in Prague. In the distance, the spires of St. Vitus' Cathedral, a richly decorated Gothic church, rise above the skyline. Next to the church is the huge castle of Hradcany (the long white building in the background at right).

© William Bovee/Corbis





Heart of Europe

If someone had asked "Where is Poland?" at different times in the past 1,000 years, they would have been given many different answers.

In the mid-1500s, for example, Poland was the largest country in Europe. But at other times, there was no Polish state at all! In the late 1700s it was no longer a separate country after it was divided by the countries of Russia, Prussia, and Austria. The

boundaries of modern Poland were marked out in 1945. Its constitution (laws of government) of 1791 is the oldest in Europe.

About two-thirds of Poland's more than 38 million people live in cities. Warsaw, the capital, is the largest city. Other important cities include Lodz, Gdansk, and Krakow. About 90 percent of Poles are Roman Catholics. They are especially proud because in 1978 Karol Jozef Wojtyla became Pope John Paul II, the first Polish leader of the Roman Catholic church.

Polish ham is one of the country's most famous exports. In addition to raising pigs, people also raise cattle and sheep throughout the country. Nearly half of Poland's land is used for farming.

Poland has had a changeable history, with shifting boundaries, but it's always enjoyed a rich cultural heritage. In literature Polish poet Czeslaw Milosz won the 1980 Nobel Prize for Literature, and poet Wislawa Szymborska won it in 1996. Frédéric Chopin, a famous composer, was from Poland. And one of the most famous scientists in history, Mikolaj Kopernik, was born in Poland. You may know this great astronomer as Nicolaus Copernicus.

②

Warsaw

DID YOU KNOW?

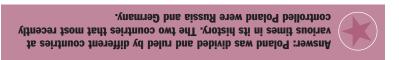
During World War II the Nazis avoided Rozwadow, Poland, because they believed many people had typhus, a deadly disease. But doctors there had simply injected people with harmless bacteria that looked like typhus in blood tests. This saved many lives.

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The port of Gdansk is one of the largest cities in Poland.

© Bernard and Catherine Desjeux/Corbis





This power plant produces heat for the city of Reykjavik using steam from hot springs.

© Roger Ressmeyer/Corbis



Bay of Smokes

Reykjavik is the capital and largest town of Iceland, a small island country in the North Atlantic Ocean. The word Reykjavik means "bay of smokes." The city's name comes from the steaming hot springs nearby. The town is heated by the hot water carried by pipes from these springs. The water is made hot by the many volcanoes underneath Iceland.

Even though the city is very far north, it has a fairly mild climate. However, winters are long and very dark. Much of Iceland's area outside the city is covered by **glaciers**.

According to legend, a Viking named Ingolfur Arnarson founded the city about 1,200 years ago. For many years Reykjavik remained just a small fishing village. It was occupied and ruled by the Danes, the people of Denmark. Today Reykjavik is a major fishing port. It is also Iceland's main center for business. Not surprising for a fishing city, Reykjavik's chief industries are processing fish and building ships.

Iceland has one of the highest **literacy** rates in the world. Almost all of the people can read. Iceland has a rich literary tradition, and Icelandic **sagas** date from the 13th century. Folklore is also popular, especially stories about trolls.

The city has many museums and art galleries. The country's traditional cuisine includes many seafood dishes and *skyr*, a dessert made with skim milk and served with fresh bilberries.

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GLACIERS (VOLUME 1) • THERMAL POWER (VOLUME 2)
VIKINGS (VOLUME 4)

DID YOU KNOWS

Apparently it's not uncommon for workers in Iceland to hire a medium to help them if something goes wrong during a construction project. A medium is someone who supposedly can talk to supernatural creatures.









Almost an Island

The Kingdom of Denmark is a small European country that lies between the North Sea and the Baltic Sea. With the countries of Norway and Sweden, Denmark makes up the area known as Scandinavia. Denmark is surrounded by water on nearly all sides. Most of the country lies on a long stretch of land called Jutland and two large islands called Fyn and Zealand. It also has about 480 other smaller islands, but only 97 have people living on them. Copenhagen,

the capital of Denmark, is on Zealand. People in Denmark are called Danes and speak the Danish language.

Denmark once had many trees, but most were cut down to make room for farming. There still are some spruce and fir **plantations** in Denmark. These are the types of trees often used as Christmas trees. Many of the wild

animals—such as elk, brown bear, and wild boar—died when most of the forests were cut down. But roe deer still roam the countryside, and there are more than 300 kinds of birds in Denmark.

The seafaring warriors known as Vikings came from Scandinavia. But Danes have given much to world art and knowledge. Perhaps you've read or heard the stories of Hans Christian Andersen. He

wrote about his native Denmark in stories such as "The Little Mermaid" and "The Fir Tree." Karen Blixen gained fame writing under the name Isak Dinesen. And Søren Kierkegaard was an important thinker and writer. Scientist Niels Bohr won the Nobel Prize for Physics for his work on the structure of atoms, the tiny building blocks of all matter.

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ISLANDS (VOLUME 1) • VIKINGS (VOLUME 4)

Copenhagen

Frame houses face a field on Zealand, the largest of Denmark's islands.

© Paul Almasy/Corbis

DID YOU KNOW?

The Silkeborg Museum has one of the best-preserved human mummies in the world. He's known as Tollund man, and he lived about 2,400 years ago. His body was found in the bogs north of Silkeborg town.



City of the Little Mermaid

Copenhagen is Denmark's capital and largest city. It is located on two islands: Zealand and Amager. Denmark is an unusual country because it's made up of a peninsula (Jutland) and over 400 islands. What used to be Copenhagen's city center is located on a little island called Slotsholmen (meaning "castle **islet**").

In 1167 Bishop Absalon of Roskilde had a fortress built on Slotsholmen. This was the beginning of the city. The Christiansborg Palace



Colorful buildings lining a waterfront in Copenhagen, Denmark.

© Royalty-Free/Corbis

replaced the fortress, and now it houses the Danish **parliament** and the Supreme Court. The Danish royal family today lives in the Amalienborg Palace.

To the west of Slotsholmen is the Town Hall. It has a very interesting feature. Apart from the usual offices, it also has Jens Olsen's **astronomical** clock. This huge clock shows the time in different parts of the world. It also shows the **orbits** of planets and two different calendars.

Nearby is Charlottenborg Palace, the home of the Royal Academy of Fine Arts. The palace was built in the 17th century. Close to it is

Tivoli, a world-famous amusement park that opened in 1843.

If you go farther north, you'll see the Citadel, a military **fortress** still used by the Danish army, though it was built nearly 400 years ago. On the harbor outside the fortress is the statue of the Little Mermaid. It is said to be the symbol of the city. The story of the Little Mermaid is a fairy tale written by Hans Christian Andersen, who spent many years of his life in Copenhagen.

Fill in the blank: The city of Copenhagen lies on

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ASTRONOMY (VOLUME 2) • DENMARK (VOLUME 6) • PENINSULAS (VOLUME 1)

City natives and visitors alike enjoy the Tivoli Gardens in Copenhagen. Besides its pretty flowers and fountains,
Tivoli has restaurants, open-air theaters, and an
amusement park with rides and games.

© Steve Raymer/Corbis





Land of Fjords and Mountains

Norway is a country in northern Europe. It lies on the western half of a **peninsula** it shares with Sweden. Together with Denmark, these countries are known as Scandinavia. The many arms of the sea that stretch into Norway are called "fjords." The longest and deepest of these is Sogne Fjord. Almost every part of the country is close to the sea or a fjord.

Norway is also covered with mountains. The two highest peaks are Galdhø Peak and Mount Glitter. Each of them is more than 8,000 feet tall. Glaciers can be found in some mountain ranges. The Jostedals Glacier is the largest in Europe.

Norway is a leading producer of **oil**, which comes from the North Sea. Many people work in **forestry**, harvesting trees for **lumber**. Most of Norway's forests have evergreen trees such as pine and spruce. To the south, though, there are ash, birch, and aspen trees. Elk, wild reindeer, lemmings, and wolverines live in the mountains and forests.

Fishing is a major **industry** in coastal areas. Other countries buy fish from Norway, especially frozen cod, canned sardines, and herrings. And whales can be seen, too, off the Norwegian coast. Norway's long seagoing tradition includes many famous explorers, such as the Viking explorer Leif Eriksson and the adventurer-scientist Thor Heyerdahl.

Some of Norway's native Sami people (also called Lapps) still practice traditional reindeer herding. Most of the people of Norway speak either Bokmal or Nynorsk, though many also speak English. Painter Edvard Munch, playwright Henrik Ibsen, and composer Edvard Grieg are famous Norwegians who have made important contributions to the arts.

LEARN MORE! READ THESE ARTICLES... GLACIERS (VOLUME 1) • SWEDEN (VOLUME 6) VIKINGS (VOLUME 4)

Many long narrow arms of the sea called "fjords" stretch into the western part of Norway. Here a woman looks down on Geiranger Fjord. © Bo Zaunders/Corbis



Scandinavia's Largest Country

The Kingdom of Sweden in northern Europe is the largest of the Scandinavian countries.

Scandinavia is the area occupied by Sweden, Norway, and Denmark. Norway and Finland are on Sweden's borders. The rest of the country is bounded by water.

Aside from fish, what do Swedes get from their rivers that helps them in their everyday lives?

The capital of Sweden is Stockholm, nicknamed the "Venice of the north." Like that Italian city, Stockholm has many waterways and bridges. Sweden has many rivers and lakes. And rivers provide half of the country's electric power. The rivers and lakes also have a large variety of fish.

Sweden is a cold country. But the temperatures depend on the **elevation** of the land and its nearness to the sea. It's warmer near the sea and colder on the mountains. Evergreen forests of spruce and pine cover more than half of Sweden. In the south there are also deciduous trees (trees that lose their leaves). Because of its rich forests, Sweden is known for its timber, wood **pulp**, paper, and furniture industries.

Within its forests Sweden has many animals and birds. There are hares, weasels, shrews, foxes, ermine, and elk. Snipes, plovers, wagtails, partridges, ptarmigans, grouse, and woodcocks are just some of Sweden's many birds.

The Swedes celebrate many special festivals. On December 13 they celebrate St. Lucia's Day. On that day young girls wear green wreaths with lighted candles on their heads and serve coffee and buns to older family members. Midsummer Eve is celebrated with singing and dancing on about June 24, around the time of the longest day of the year.

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DENMARK (VOLUME 6) • PENINSULAS (VOLUME 1)

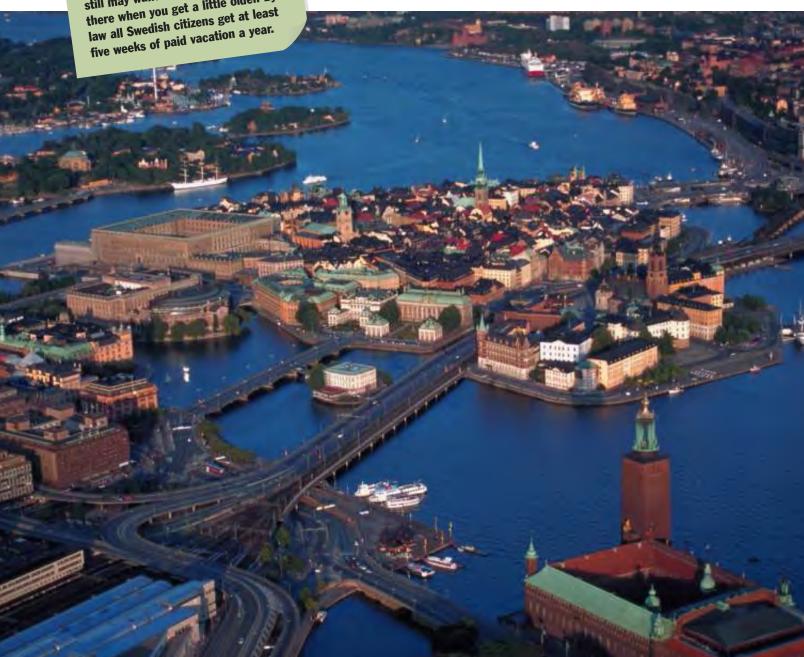
RABBITS AND HARES (VOLUME 12)

Stockholm



DID AON KNOMS

Although Sweden can be cold, you still may want to consider moving there when you get a little older. By law all Swedish citizens get at least



Much of Stockholm, the capital of Sweden, is built on islands. The islands are connected to each other and to city districts on the mainland by old bridges and modern overpasses.

© Macduff Everton/Corbis



The Largest Country in the World



Russia is the largest country in the world—nearly twice the size of China or the United States. Russia is so large, in fact, that it stretches across two **continents**, Europe and Asia.

Until 1917, Russian **tsars** such as Peter the Great and Catherine the Great had long ruled the country. The communist nation known as the Soviet Union was founded in 1922, and Russia was its largest and most important republic. The Soviet Union dissolved in 1991, however, and Russia became an independent country again.

Most of Russia is covered by large rolling plains. Through the plains flow Russia's rivers, including the Volga, Europe's longest river. "Mother Volga" flows into the Caspian Sea, the world's largest **inland** body of water. Many rivers drain into the Arctic Ocean or into Lake Baikal, the world's deepest lake. More than one-fifth of all the world's fresh water is in Lake Baikal. That's more water than is in all five of the Great Lakes in North America put together.

Roughly 145 million people live in Russia. About three-fourths of them live in cities. Moscow, the capital, is the largest city. It has more than 8 million citizens. St. Petersburg is the second largest city,

with more than 4 million people. Both cities have many world-famous museums and buildings.

Russians have contributed greatly to the arts. The works of writers Aleksandr Pushkin, Leo Tolstoy, and Anton Chekhov are still popular today. So is the music of composer Pyotr Ilich

Tchaikovsky. And Russia's ballet companies have trained some of the world's most gifted dancers, including Anna Pavlova and Mikhail Baryshnikov.

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ASIA (VOLUME 7) • CZECH REPUBLIC (VOLUME 6) • DANCE (VOLUME 3)

St. Basil's Cathedral is a colorful landmark in Moscow, the capital of Russia.

© Jose Fuste Raga/Corbis



Two-in-one City



Budapest is the capital of Hungary and is located on the banks of the Danube River. It is made up

of two main sections, Buda and Pest, which were once separate cities. These two communities

and another, Old Buda, joined to form a single city in 1873. Buda is on the west bank of the Danube, and Pest is on the east bank. A railway tunnel and many bridges connect the two.

Buda sits on several hills and is the older and more beautiful part of the city. At its center is the Varhegy, or Castle Hill. Buda is also the site of the old Citadel, or fortress, and the Royal Palace. Here you'll see the Matthias Church, where many of Hungary's kings were crowned. Janos Hill is the highest of the Buda Hills. You can take a chairlift to the peak for a glorious view of the whole city.

Pest is mostly flat. Although it is now an industrial center with many modern buildings, Pest is the home of the world's second largest **synagogue**, which was built in 1859.

Classical music has a long history in Budapest, and traditional folk music, sometimes played by people known as Roma, can be heard in some

restaurants. It might surprise you to know that Budapest is Europe's largest spa city. There are about 120 **thermal springs** in the city, and some of the baths built around them are hundreds of years old.

In what
way are the
cities of
Buda and Pest
alike? In what way
are they different?

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BUCHAREST, ROMANIA (VOLUME 6) • EUROPE (VOLUME 6)

SOFIA, BULGARIA (VOLUME 6)

Budapest, HUNGARY



Answer: Both cities are on the Danube River, and together they're the capital of Hungary. Buda is older and more hilly. Pest is younger and has more industrial areas.

DID AON KNOMS In his novel Dracula, Bram Stoker based the character of the famous vampire on a Romanian prince, Vlad Tepes. The Romanian word tepes means "stake," In English the prince is known as Vlad the Impaler. THE PERSON NAMED IN COLUMN

Bucharest is the capital and largest city of Romania. It is the center of business, government, and the arts for the country.

© Sandro Vannini/Corbis

Which of these tourist sights cannot be found in Bucharest?
a) Revolution Square b) Danube River c) Cretulescu Church d) Antim Monastery



Bucharest, the capital of Romania, has many public squares. A square is an open area that's formed where two or more streets meet. Many of the city's streets and boulevards lead into squares. The famous Revolution Square contains the former royal palace and Cretulescu Church, which was built in 1722. It is one of the most beautiful squares in the city. With its tree-lined boulevards and varied architecture, Bucharest was once known as "Little Paris."

You can experience some of the city's long history in many of its old buildings. The Antim Monastery and the churches of Stavropoleos and Saint Spiridon are treasured for their age and for their fine architecture. The University of Bucharest was founded in 1864.

Bucharest also has preserved much of its history in its many museums. Two of the most popular are the Museum of the History of the City of Bucharest and the National Art Museum, which is now in the royal palace. Some tourists prefer the Village Museum. It is an open-air building near the Arch of Triumph that displays many kinds of peasant houses.

There is much to do in the city, even after the museums close. Bucharest has a national **philharmonic** orchestra, as well as the "I.L. Caragiale," the National Theater, which is named for a famous Romanian playwright. There are also a Theater of Opera and a Ballet of Romania. A typical Romanian meal enjoyed before or after going to the theater might include a kind of bread called *mamaliga* with cheese and sour cream.

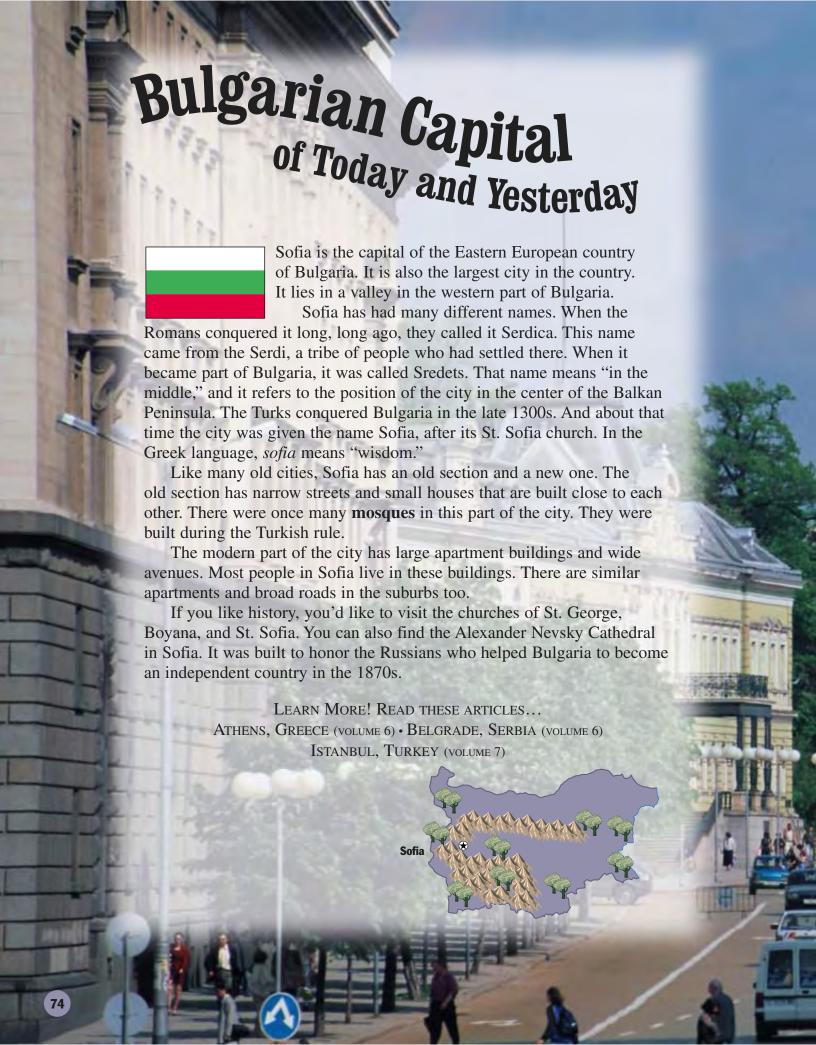


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YEREVAN, ARMENIA (VOLUME 7)







A Country of Cultures Many Cultures



The country of Serbia was part of a bigger country called Yugoslavia until 2003. It lies on the Balkan **Peninsula** in southeastern Europe. The country's capital is Belgrade. Yugoslavia

once included several other regions that are now independent countries. These were Montenegro, Croatia, Slovenia, Macedonia, and Bosnia and Herzegovina.

Before the 20th century, Serbia was ruled by many different powers. This made it a country with many **diverse** cultures. The Slavs, the Turks, the Italians, and the Austrians have all influenced the food, folk costumes, and buildings of Serbia. This large mix of people has sometimes caused problems. In the 1990s there was war between the Serbs and several other ethnic groups in the area, including Albanians, Croats, and Bosnians. There were many wars earlier in the 20th century. By the beginning of the 21st century, much of the fighting had ended, and the country was beginning to rebuild itself.

The many mountains of Serbia include the Balkan Mountains and the Dinaric Alps. The country's highest peaks reach more than 6,600 feet. People raise sheep and goats in the mountain pastures. The main flatland area in the country is the Mid-Danube Plain. It's the best and most important place for growing crops. The main crops are maize, sugar beets, and wheat. Fruits and vegetables are also grown.

Many people go to Serbia to see its very old churches and to visit its mineral springs.

DID YOU KNOW?

After the other countries of
Yugoslavia became independent
Yugoslavia became independent
in the early 1990s, Montenegro
stayed connected to Serbia.

Serbia and Montenegro broke
apart in 2006, and both became
independent countries.

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BELGRADE, SERBIA (VOLUME 6)

BUCHAREST, ROMANIA (VOLUME 6)

PENINSULA (VOLUME 1)

The town of Subotica is the market center of a farming region in northern Serbia.

Belgrade

© age fotostock/SuperStock





White Fortress

Belgrade is the capital of Serbia. Serbians call the city Beograd, which means "white fortress." The city lies at the meeting point of two rivers, the Danube and the Sava.

Belgrade is a very old city. It grew up around the Kalemegdan fortress, which was built by an early people called the Celts in the 4th century BC. The fortress was known by the Romans as Singidunum. Its **remains** are a major feature of the present old city, and it is now a history museum. The city was ruled by the Turkish Ottoman Empire for much of the period between the 16th and the 19th century.



The Sava River flowing through Belgrade.

© Paul Almasy/Corbis

Stari Grad, the oldest part of the city, is near the fortress.

A few old Turkish houses are still there. Nearby you can see **medieval** gates, churches, tombs, and the old Turkish baths.

The best museums of Belgrade are in the old city. The **Ethnographic** Museum has an excellent collection of Serbian costumes. There are also many displays of art from different parts of the country. In the Gallery of **Frescoes** you can see full-size paintings copied from famous

churches in Serbia.

Prince Michael Street is the busiest part of the city. It is full of people, shops, and some of Eastern Europe's best cafés, which offer excellent Turkish coffee. In the cafés you can try *punjena paprika* (stuffed peppers) or *sarma u vinovoj lozi* (stuffed grape leaves). *Baklava* is a popular nutand-honey dessert.

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BUDAPEST, HUNGARY (VOLUME 6) • ISTANBUL, TURKEY (VOLUME 7)

SERBIA (VOLUME 6)



Find and
correct the
error in the
following sentence:
The people of Serbia
call their capital city
Beograd, which means
"white forest."

Borderland Country

Ukraine has one of the largest populations of any
European country. It is located at the eastern edge of
Europe, near Asia (the word Ukraine means "borderland"
or "bordering country"). Ukraine's capital is Kiev, an
ancient city that was founded more than 1,000 years ago.

Ukraine is a rather flat country, with only a few mountains. Its major mountains are the Carpathians in the west and the Crimean Mountains in the south. It also contains a portion of the Polissya (also known as the Pripet Marshes), the largest swamp in Europe. The **marshes** have a great variety of wildlife, including elk, wolves, lynx, mouflon (wild sheep), and wild boars.

Ukraine has a rich tradition of storytelling and folk music. Ukraine's folk traditions can be seen in the country's many festivals. At the festivals people in brightly colored costumes perform traditional dances and music. The country's written language is similar to Russian and uses the **Cyrillic** alphabet.

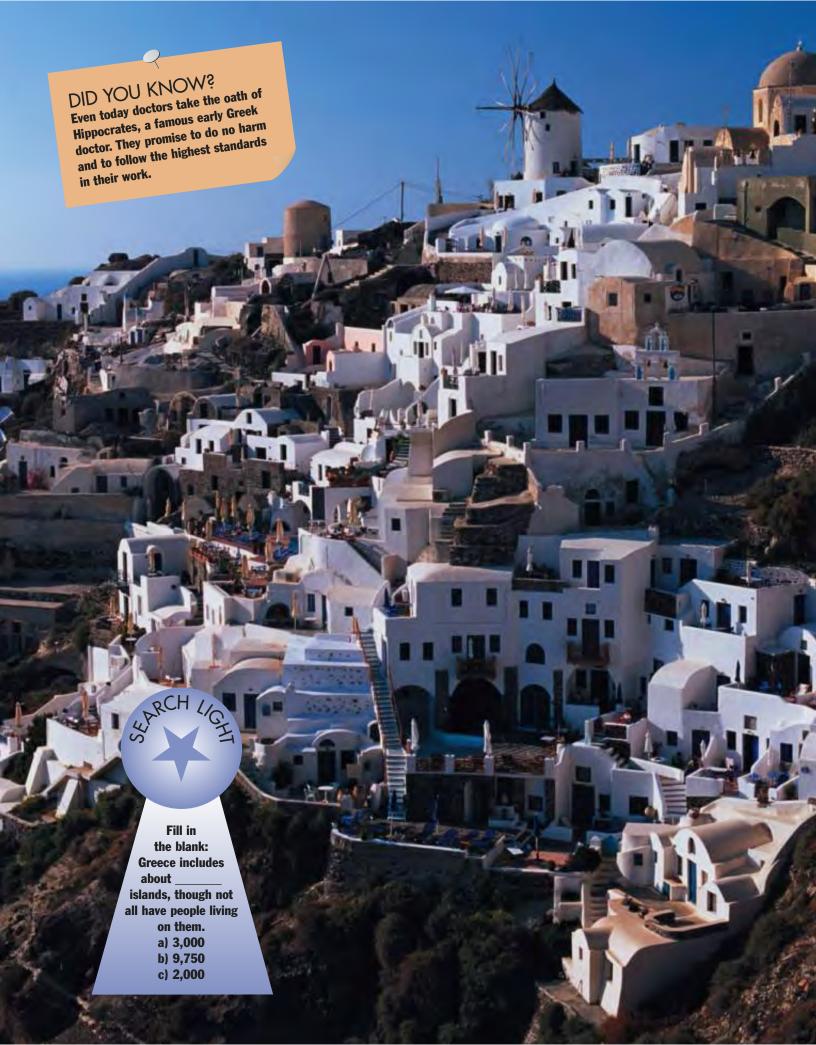
The region that is now Ukraine has a long history.

Many years ago Kiev was the center of a country called Kievan

Rus. In the 1700s Ukraine came under the control of the Russian **tsars**. In
the 19th century it was the main site for battles in the Crimean War
between Russia and the Ottoman Turks. Ukraine became part of the Soviet
Union in the early 20th century. It was known as the country's breadbasket
because it produced large amounts of grain (particularly wheat). In 1991,
with the fall of the Soviet Union, Ukraine became an independent country.

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FOLK MUSIC (VOLUME 3) • RUSSIA (VOLUME 6) • SWAMPS (VOLUME 1)





Land of Islands



was Demosthenes.

The country of Greece is surrounded on three sides by seas. To the south is the Mediterranean Sea, to the west is the Ionian Sea, and to the east is the Aegean Sea. More than 2,000 islands in the Ionian and Aegean seas belong

to Greece. But people live on only about 170 of them. The islands are divided into two groups—the Ionian Islands and the Aegean Islands—depending on which sea they're in.

Besides its many islands, Greece also has many mountains. The tallest is Mount Olympus. It is 9,570 feet high. Zeus, Ares, Athena, and all the other Greek gods and goddesses were said to live on Mount Olympus.

Greece was the ancient birthplace of Western civilization. The Greeks learned to read and write more than 3,000 years ago. And it was in Greece that the Olympic Games began some 3,500 years ago. The first modern Olympic Games were held in Athens in 1896.

Many great thinkers and philosophers, such as Socrates, Plato, and Aristotle, came from ancient Greece. It also produced such poets and playwrights as Homer and Sophocles, as well as famous historians such as Herodotus and Thucydides. Pythagoras was one of the earliest mathematicians, and Hippocrates is considered the father of modern Western medicine. Greece was also known for its famous speakers, called "orators." One of the most famous

Many rare plants grow in Greece, and medicines are made from some of them. But probably the most important plants are the olive trees of Greece. Much of the olive oil that people all over the world buy comes from Greece.

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ATHENS, GREECE (VOLUME 6)
ATLAS: BEARER OF THE WORLD (VOLUME 5)
OLIVE (VOLUME 10)

Whitewashed houses line the hillside of the island of Santorini in Greece.

M. Sinibaldi/Corbis





City of the Acropolis

One of the first things you notice in Athens, the capital of Greece, is a flat-topped mass of rock at the city's center. It's called the Acropolis and is more than 500 feet high. At the top are buildings that were built very long ago. One of them, the famous Parthenon, was built in honor of the goddess Athena. The city was named after her.

Not too far away is the Theater of Dionysus. This was the city's drama center. It had 13,000 seats arranged in 67 rows. Nearby is the Odeum theater, which seated 5,000 people. It is now used for the Athens summer festival of music and drama.

Theater was very important to the ancient Greeks. When these theaters were built thousands of years ago, the actors wore masks when they performed. The types of plays they performed are called classical Greek tragedies and comedies. These are still performed today.

The modern city grew from the small town at the base of the Acropolis. Many newer parts of the city have been built in the last hundred years or so. Some public buildings were made of white marble to match the buildings on the Acropolis. Today Constitution Square is the center of the city. And the Old Royal Palace that stands on one side of it is the home of the Greek **parliament**.

When the Olympic Games were revived in 1896, the first Games were held in Athens in the newly remodeled 70,000-seat Panathenaic Stadium. It was originally built in 329 BC for the Panathenea athletic contests, part of ancient Athens' most important festival.

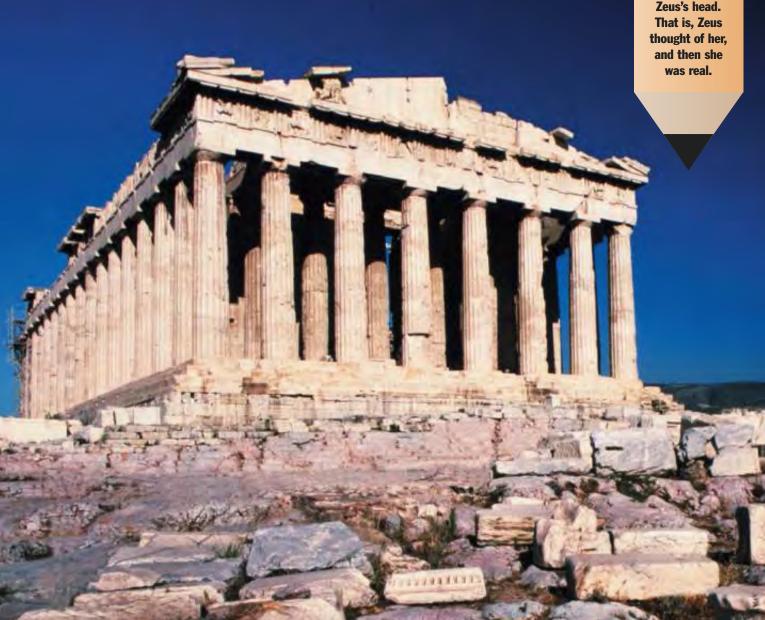
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PARTHENON (VOLUME 6) • SOCRATES (VOLUME 4) • THEATER (VOLUME 3)



How did the first public buildings of modern Athens show the Greeks' respect for the past?



According to Greek mythology, Athena was born straight out of Zeus's head. That is, Zeus thought of her, and then she



The Parthenon has been damaged over the centuries. At one time it was even used to store gunpowder, which exploded by mistake! But its basic structure is still preserved, and art lovers come from all over to see it. © Charles O'Rear/Corbis

Temple of Athena

According to Greek mythology, the king of the Greek gods—Zeus—announced that a new city would be given to the god who offered the most useful gift to the people. Athena, his favorite daughter, was the goddess of war and wisdom. She struck the soil with her spear, and an olive tree sprang up. The people were delighted. Zeus gave the city to Athena and named it Athens in her honor. The olive branch became the symbol of peace, and olives became one of Greece's most important crops.

As the goddess of war, Athena represented the goals of war that include peace, justice, and **unity**. She is usually shown wearing a helmet and carrying a spear and a shield. The owl was her **sacred** animal, so owls came to be associated with wisdom like she was.

The Greek people built Athena a beautiful temple on the Acropolis in Athens. The Acropolis was the **fortified** upper part of the city. It was made of pure white marble and was called the Parthenon. Within the temple stood an ivory and gold statue of the goddess, called the Athena Parthenos.

The rows of pillars on the outside of the temple were carved to represent stories from Greek mythology. On the outer walls, sculptures showed the celebration of the most important festival, Panathenaea. The festival was held on the birthday of Athena.

Today much of this beautiful temple has been destroyed. Many of the sculptures have been moved to the British Museum in London. Other sculptures are in museums in Paris, France, and in Copenhagen, Denmark. However, it is still a beautiful building and remains one of Athens' most popular sights.

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ATHENS, GREECE (VOLUME 6)
A GREEK LEGEND: ODYSSEUS AND THE CYCLOPS (VOLUME 5)
TAJ MAHAL (VOLUME 7)

Athena was
the Greek
goddess of
a) war and wisdom.
b) love and money.
c) beauty and talent.



The Ponte Vecchio spans the Arno River in the art-filled city of Florence. It connects several historic palaces and contains space for shops.

© William Manning/Corbis

c) Mount Etna, Pisa, and the Alps

in Italy?

a) Milan, Sicily, Rome,

and Mount Everest
b) Mount Vesuvius,
Paris, and the
Statue of Liberty

A Tourist's Delight

The country of Italy in south-central Europe has a rich history and many interesting places to visit. Rome, Italy's capital, is one of the world's oldest cities. Other historic Italian cities are Milan, Naples, Florence, and Venice, which has many canals.

DID YOU KNOW?
For many people, it's impossible to imagine a world without Italian food—especially pizza and spaghetti.

In Rome the Colosseum is an **arena** where many years ago thousands of people went to watch **gladiators** fight. Vatican City lies within Rome too. It's the world headquarters of the Roman Catholic church and is where the pope lives. The Sistine **Chapel** in the Vatican is one of the most beautiful buildings in Europe. Its ceiling and walls have famous paintings by the artist Michelangelo.

Pisa in central Italy is best known for its leaning tower. Soon after its construction started, the ground underneath sank. The Leaning Tower of Pisa leans over so much that to climb its stairs you have to lean in the opposite direction. Engineers have stopped it from sinking. They could have straightened out the whole tower, but then it wouldn't be such fun to visit.

On the island of Sicily in southern Italy is Mount Etna, an active volcano. A thin column of smoke always rises from it, and sometimes redhot lava spills out. Perhaps even more famous are the breathtaking snow-covered Italian Alps in northern Italy. These mountains aren't volcanoes, though.

People travel from all over the world to enjoy winter sports in the Alps.

Italy's wine, food, arts, and culture are prized around the world. Famous Italians include artist Leonardo da Vinci, writers Dante and Petrarch, scientist Galileo, and filmmaker Federico Fellini.

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MICHELANGELO (VOLUME 3) • VATICAN CITY (VOLUME 6)

VOLCANOES (VOLUME 1)





Parts of several temples and monuments of the ancient Roman Forum (front of picture) still stand in modern Rome. The Forum was the heart of public life in Rome.

© Massimo Mastrorillo/Corbis

The Eternal City

Leople from all over the world visit Rome, the capital of Italy. **Pilgrims**, **scholars**, art lovers, and tourists all go there to see the "Eternal City" on the banks of the Tiber River. For 3,000 years Rome has been a popular destination for travelers. There is a legend that if you throw a coin into the Trevi Fountain there, you will be sure to return to Rome some day.



The Colosseum in Rome, Italy.

© Dallas and John Heaton/Corbis

Many of the buildings and monuments from the city's early days can still be seen. Some of them, such as the Colosseum and the Forum, give us an idea of how the ancient Romans lived and worked. The Colosseum is where gladiators fought bloody battles, and the Forum was the site of temples, courts, and public meetings. These buildings were partly destroyed over the years, but Capitoline Hill offers fine views of their remains.

Ancient Rome was surrounded by the Aurelian Wall, which was built about AD 270. Much of the wall still survives. The city contains many broad streets and town squares known as **piazzas**, some of which contain beautiful fountains. One of the joys of Rome is a nighttime visit to a lighted piazza. One of the largest monuments in Rome is a white marble building dedicated to King Victor Emmanuel II, who united modern Italy.

On the right bank of the Tiber is the Vatican. This is the headquarters of the Roman Catholic church and the home of the pope. It also houses famous buildings such as St. Peter's **Basilica**, the Sistine Chapel, and the Vatican's many museums and gardens. Though the Vatican grounds are surrounded by the city of Rome, they actually occupy a separate independent state, Vatican City.

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JULIUS CAESAR (VOLUME 4) • ITALY (VOLUME 6)

VATICAN CITY (VOLUME 6)

Fill in the blanks:
The _____ and the ____ are remains from ancient Rome.



smallest State of State

Vatican City is the smallest fully independent state in the world. It stands on the banks of the Tiber River in Italy and is surrounded by the city of Rome. Though it occupies a small area, Vatican City does function as a country. It has its own telephone network, post office, bank, power supply, and railway line.

Both the government and the palace structure itself are simply called the Vatican. The Vatican palace is also the official home of the pope, the head of the Roman Catholic church. He leads the more than one billion Catholics throughout the world. Vatican City is also called the Holy See. A see is the area that a Catholic bishop rules over.



A hall in the Vatican Library.

© Ted Spiegel/Corbis

The entrance to the Vatican is St. Peter's Square. At one end of the square is St. Peter's Basilica. It is one of the largest churches in the world. Pilgrims—that is, people who travel to holy places—have been visiting it for hundreds of years. Many artists and sculptors helped make St. Peter's Basilica beautiful. Michelangelo helped create the great dome. It is so high that it can be seen throughout Rome. There are many masterpieces inside the basilica. One statue of St. Peter is famous because the kisses of countless pilgrims have worn out one of its feet.

The artwork in the Vatican Museum is known throughout the world. Another famous building in

Vatican City is the Sistine Chapel. It is best known for Michelangelo's paintings on its ceiling showing scenes from the Old Testament in the Bible.

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CHRISTIANITY (VOLUME 5) • MICHELANGELO (VOLUME 3)
ROME, ITALY (VOLUME 6)



The Vatican
is the smallest
a) church in
the world.
b) city in the world.
c) country in the world.



G L O S S A R Y

abbey place where a community of monks or nuns live and work; also, the church serving that community

altitude the distance of an object above a specific level (such as sea level) on a planet or other heavenly body

architecture the art of designing and building structures, especially buildings that can be lived and worked in

arena enclosed area used for public entertainment

astronomy (adjective: astronomical) the science of the heavenly bodies and of their sizes, motions, and composition

banish to force or drive away

basilica Roman Catholic church that has special ceremonial privileges

bog wet spongy ground

botanical (noun: botany) having to do with plant life

boulevard wide avenue often having grass strips with trees along its center or sides

canal artificial waterway for boats or for draining from or supplying water to land

cathedral large church where a bishop is in charge

champagne a sparkling white wine

channel narrow passageway between two areas of water

chapel smaller, sometimes private place for prayer or special religious services

climate average weather in a particular area

colony (verb: colonize) settlement set up in a distant territory and controlled by a more powerful and expanding nation

commercial having to do with the buying and selling of goods, especially on a large scale and between different places

communism system of government in which all property is owned by the state or community and all citizens are supposed to have a share in the total wealth **composer** person who writes

continent one of the largest of Earth's landmasses

corridor passageway into which compartments or rooms open

crystal clear colorless glass of very good quality

Cyrillic having to do with the alphabet for writing in Russian and other Eastern European languages

democracy (adjective: democratic) government in which the highest power is held by the people and used by them directly or indirectly through representation

diesel type of fuel-fed engine

dike mound of earth built to control water

diverse varied; different

elevation the height of an object above sea level (that is, the surface of the ocean)

engineering design and production of complex objects or structures

ethnography (adjective: ethnographic) the study of human cultures

forestry the science and work of caring for forests

fortify to strengthen with weapons and by military defenses

fortress well-defended place

fresco painting done on freshly spread moist plaster

glacier large riverlike body of ice moving slowly down a slope or spreading over a land surface

gladiator in ancient Rome, a person who fought to the death as part of a public entertainment

heath low evergreen shrub with needlelike leaves and clusters of small flowers

heritage background or descent

Industrial Revolution 18thcentury era that began when power-driven machinery became common

industry business and manufacturing

inland part of a country away from the coast

international having to do with two or more countries

islet small island

literacy the ability to read and write

lumber wood used for building or carpentry

marsh area of soft wet land usually overgrown by grasses and sedges

medieval the period in European history from the 5th to about the 14th century AD

mollusk animal of a group that have no backbone and are usually enclosed in a shell (for example, snails, clams, and squids)

monument stone or building set up in memory of a person or event

mosque Muslim place of worship

mythology the stories dealing with the gods and heroes of a particular people or culture

nobility a nation's upper-class social group

oil (or crude oil) liquid taken from the ground and not yet cleaned or separated into such products as gasoline and kerosene; also called petroleum

orbit object's path around another object

parliament the lawmaking division of some governments

patron saint holy person who is chosen to specially protect a group or place

peninsula finger of land with water on three sides

philharmonic large orchestra that plays classical music

piazza open place or area formed at the meeting of two or more streets, especially in an Italian town

pilgrim person who travels to a shrine or holy place to worship

plantation large farming property, usually worked by resident laborers

plateau wide land area with a fairly level surface raised sharply above the land on at least one side **porcelain** hard white ceramic ware (earthenware) used especially for making dishes

port protected harbor where ships dock to load or unload goods

predict to foretell an event on the basis of study, experience, or reasoning

pulp mashed-up pasty material

reclaim change to a wanted condition

remains (noun) parts that are left after time passes or some event occurs

resort (noun) fancy vacation spot

rubble confused mass of rough or broken things

sacred holy

saga tale of historic or legendary figures and events of Norway and Iceland

Scandinavia area in northern Europe that includes the countries of Denmark, Norway, and Sweden

scholar person who has done advanced study in a special area

sea level the height of the surface of the sea midway between the average high and low tides

square open place or area formed at the meeting of two or more streets

synagogue Jewish house of worship

synthetic produced artificially

tannery place where animal hides are turned into leather, especially by soaking in a tannin solution

thermal springs a source of hot water coming from underground

tollhouse building or booth where a fee is collected for some permission (such as using a highway)

tsar one of the emperors of Russia until 1917

unity oneness or harmony

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