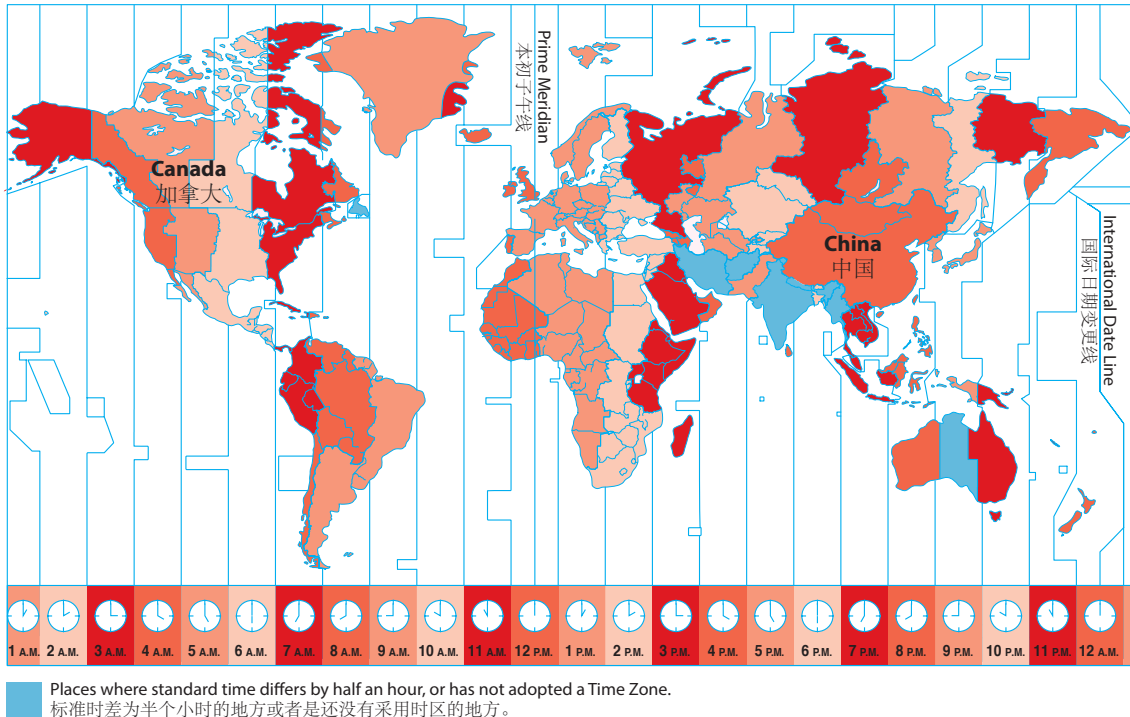


# Time Zones Project 时区项目



A Time Zone is an area between 2 lines of longitude where the time is the same. Time Zones are used to standardize the time used by locations which are close to each other, so that everyone operates on the same time. This makes it easy for businesses to operate. Just imagine how difficult it would be if every place used a different local time.

时区是指两条经线之间时间相同的一个区域。时区是用来将相近地区的时间进行统一化，这样每个人都使用同样的时间，而且很多事情处理起来也容易些。试想一下，如果每个地方都使用其当地的时间，那会是一个什么样的场景呢？

Every 24 hours the Earth makes a complete rotation. Since there are 360 degrees of longitude and 24 hours in a day, 24 time zones were created. The basic division for each time zone is  $15^\circ$  of longitude. ( $360^\circ / 24 = 15$  degrees per time zone)

地球每12小时就会转一圈，因为有360个经度一天24小时，所以我们就有了24个时区，基本上是 $15^\circ$ 经度为一个时区。 ( $360^\circ / 24 = 15$  degrees per time zone)

The line that we use to base all time zones is called the Prime Meridian.  
划分时区的线叫做子午线。

Not all time zones are as simple as being an consistent measurement of  $15^\circ$  of longitude though. China has only one time zone so that the entire country can operate on the same time. As you look at the Time Zone map you will see many alterations to the time zone.

但是并不是所有的时区划分完全是按照 $15^\circ$ 经度来划分的。中国只有一个时区，整个国家都使用一个时区。你会发现在时区图上很多时区都有变化。

# Time Zones Project 时区项目

English Name 英文名字: \_\_\_\_\_ Grade and Class 年级班级: \_\_\_\_\_ - \_\_\_\_\_

## Short Response Questions 简答题

Answer the following questions in English. Use complete sentences.

用完整的英语句子回答下列问题。

1. How many Time Zones does Canada have?

加拿大有多少个时区?

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2. How many Time Zones does China have?

中国有多少个时区?

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3. How many Time Zones doe America have?

美国有多少个时区?

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4. If it is Noon in England what would the time be on the West Coast of Canada?

如果英格兰现在是中午12点, 那么此时此刻加拿大西海岸是什么时间?

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5. If it is Noon in England what would the time be on the East Coast of Canada?

如果英格兰现在是中午12点, 那么此时此刻加拿大东海岸是什么时间?

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6. If it is Noon in England what would the time be in China?

如果英格兰现在是中午12点, 那么此时此刻中国是什么时间?

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7. Are China, Korea and Japan in the same Time Zone?

中国, 韩国和日本在一个时区吗?

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8. How many hours difference is there between China and the East Coast of America?

中国和美国东海岸时差是多少?

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