

Name: _____ Date: _____

Use an atlas to help you find out where earthquakes have happened, then mark them on the map below.



Name: _____ Date: _____

Use an atlas to help you find out where earthquakes have happened, then mark them on the map below. Use a key to identify what each of the earthquakes measured on the Richter Scale.



Richter Scale

<input type="checkbox"/>	2.0 to 2.9	<input type="checkbox"/>	3.0 to 3.9	<input type="checkbox"/>	4.0 to 4.9	<input type="checkbox"/>	5.0 to 5.9	<input type="checkbox"/>	6.0 to 6.9	<input type="checkbox"/>	7.0 to 7.9	<input type="checkbox"/>	8.0 to 8.9	<input type="checkbox"/>	More than 9.0
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Some places are far more likely to experience an earthquake than others. Use the Plate Tectonics Map to help you identify how likely it would be for an earthquake to happen in each of these locations.

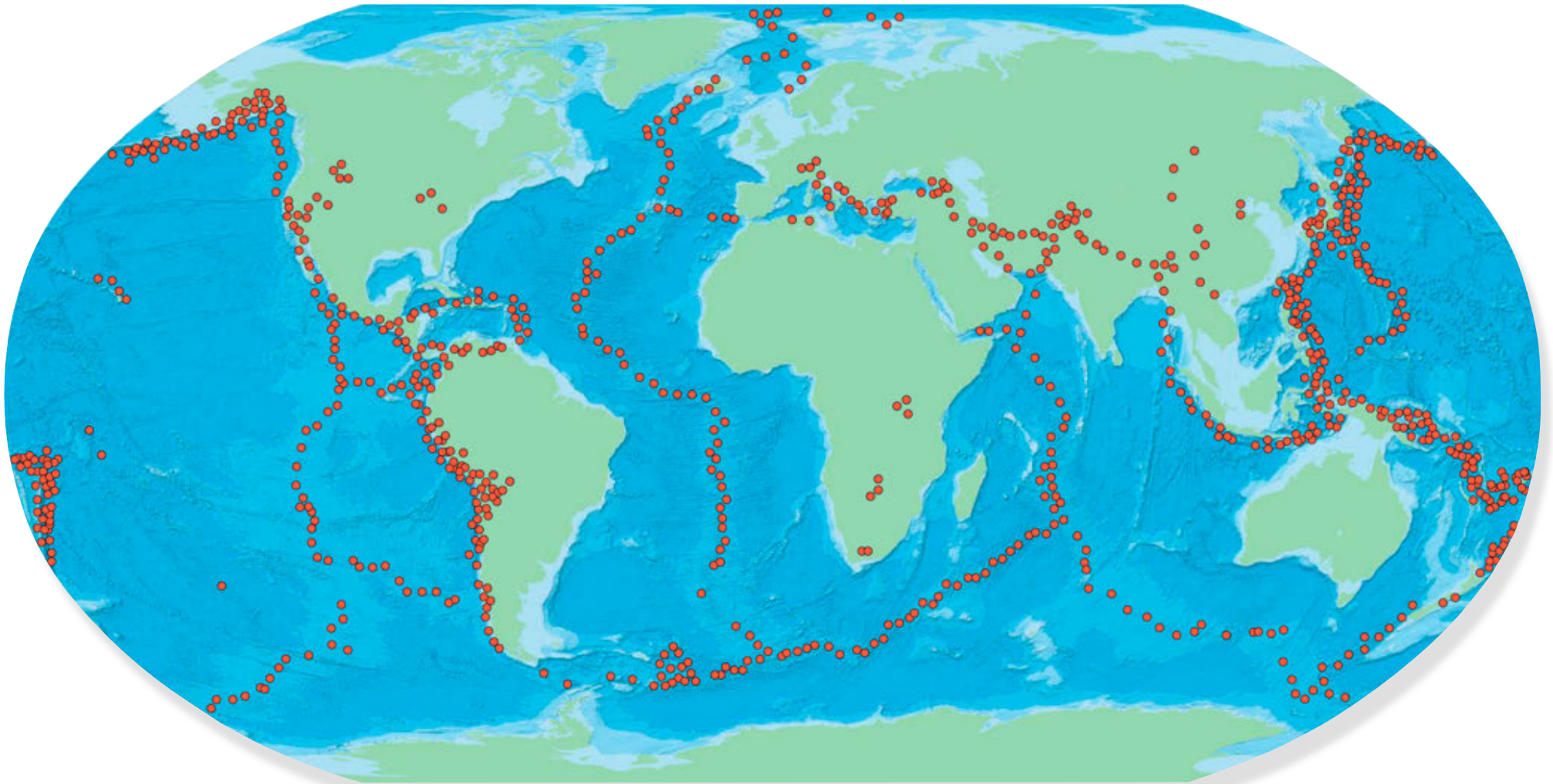


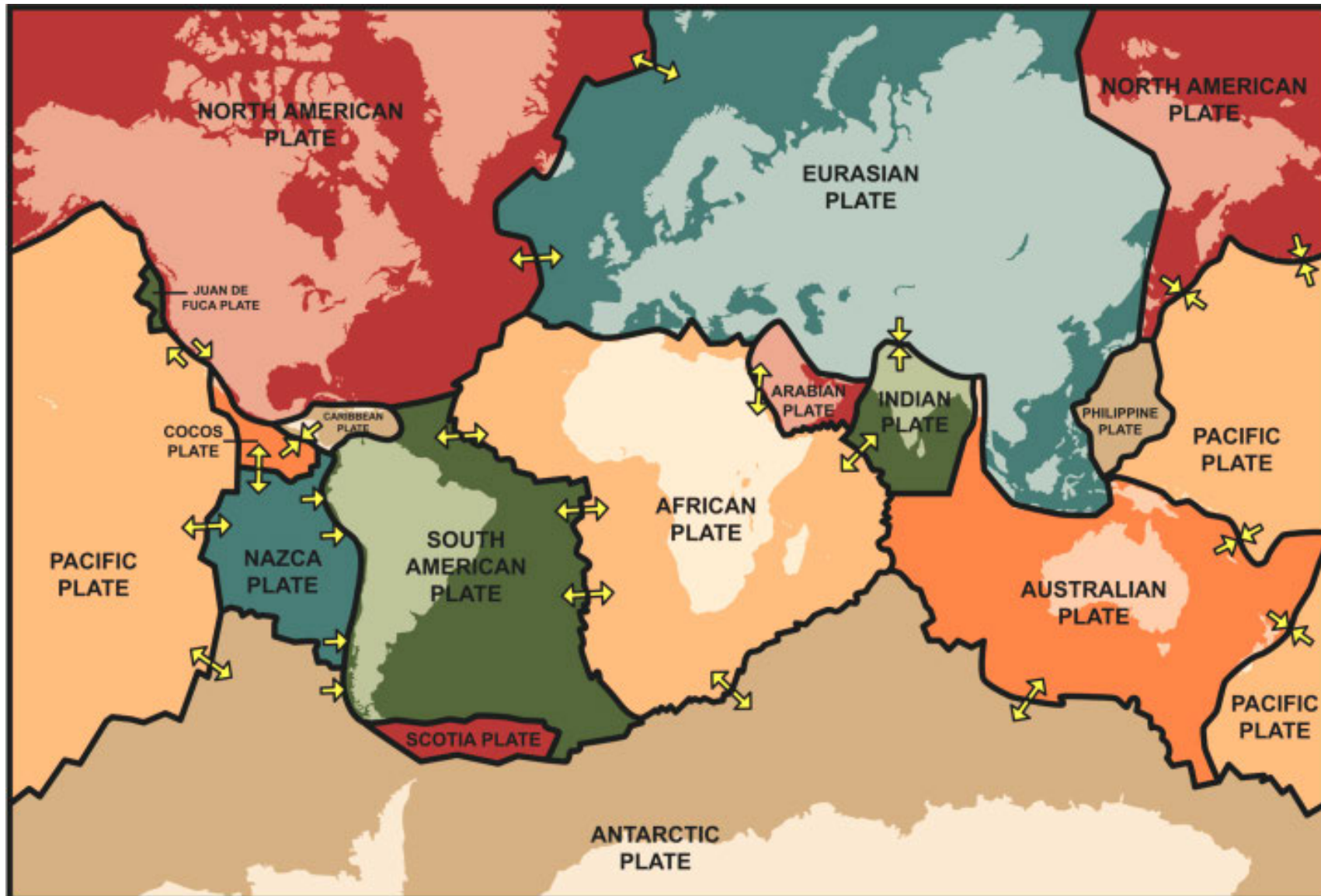
Verona, Italy 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Nairobi, Kenya 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Sydney, Australia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
New York City, USA 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Santiago, Chile 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Ho Chi Minh City, Vietnam 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
Stockholm, Sweden 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Chittagong, Bangladesh 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Osaka, Japan 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
Tunis, Tunisia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Moscow, Russia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Ankara, Turkey 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
Bogota, Colombia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Wellington, New Zealand 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Monrovia, Liberia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
Los Angeles, USA 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Paris, France 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	San Jose, Costa Rica 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely
Manila, Philippines 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Kabul, Afghanistan 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely	Batagay, Russia 0 1 2 3 4 5 6 7 8 9 10 no chance absolutely

An earthquake with a magnitude of 9.5 hit Valdivia, Chile in 1960.	An earthquake with a magnitude of 9.0 hit Kamchatka, Russia in 1952.
An earthquake with a magnitude of 8.7 hit the Rat Islands, Alaska, USA in 1965.	An earthquake with a magnitude of 7.8 hit Saravan, Iran in 2013.
An earthquake with a magnitude of 8.6 hit Sumatra, Indonesia in 2005.	An earthquake with a magnitude of 7.8 hit Hebei, China in 1976.
An earthquake with a magnitude of 7.0 hit the island of Haiti in 2010.	An earthquake with a magnitude of 7.0 hit Christchurch, New Zealand in 2011.
An earthquake with a magnitude of 7.3 hit California, USA in 1992.	An earthquake with a magnitude of 7.2 hit Messina, Italy in 1908.
An earthquake with a magnitude of 7.3 hit Vancouver Island, Canada in 1946.	An earthquake with a magnitude of 8.0 hit Mexico City, Mexico in 1985

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An earthquake with a magnitude of 8.6 hit Sumatra, Indonesia in 2005.	An earthquake with a magnitude of 7.8 hit Hebei, China in 1976.	An earthquake with a magnitude of 7.7 hit Antofagasta, Chile in 2007.	An earthquake with a magnitude of 6.8 hit Ambato, Ecuador in 1949.	An earthquake with a magnitude of 6.4 hit the Dodecanese Islands, Greece in 2008.
An earthquake with a magnitude of 7.0 hit the island of Haiti in 2010.	An earthquake with a magnitude of 7.0 hit Christchurch, New Zealand in 2011.	An earthquake with a magnitude of 6.4 hit Quetta, Pakistan in 2008.	An earthquake with a magnitude of 7.5 hit Moyobamba, Peru in 2005.	An earthquake with a magnitude of 8.3 hit the Honshu island of Japan in 1923.
An earthquake with a magnitude of 8.0 hit Fuyun, China in 1931.	An earthquake with a magnitude of 6.3 hit Selfoss, Iceland in 2008.	An earthquake with a magnitude of 4.5 hit Neuenkirchen, Germany in 2004.	An earthquake with a magnitude of 5.5 hit Jujay, Argentina in 2009.	An earthquake with a magnitude of 3.9 hit Manchester, England in 2002.





What can you find out about the Valdivia Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

What can you find out about the Sichuan Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

What can you find out about the Ancash Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

What can you find out about the Kashmir Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

What can you find out about the Mexico City Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

What can you find out about the Haiti Earthquake?

Think about these questions:

- Where was the epicentre of the earthquake?
- Which areas were affected?
- What was the magnitude of the earthquake?
- What damage was caused by the earthquake?
- Were there any fatalities?

Extreme Earthquakes

Name:

Date and location:

Magnitude:

Effects:

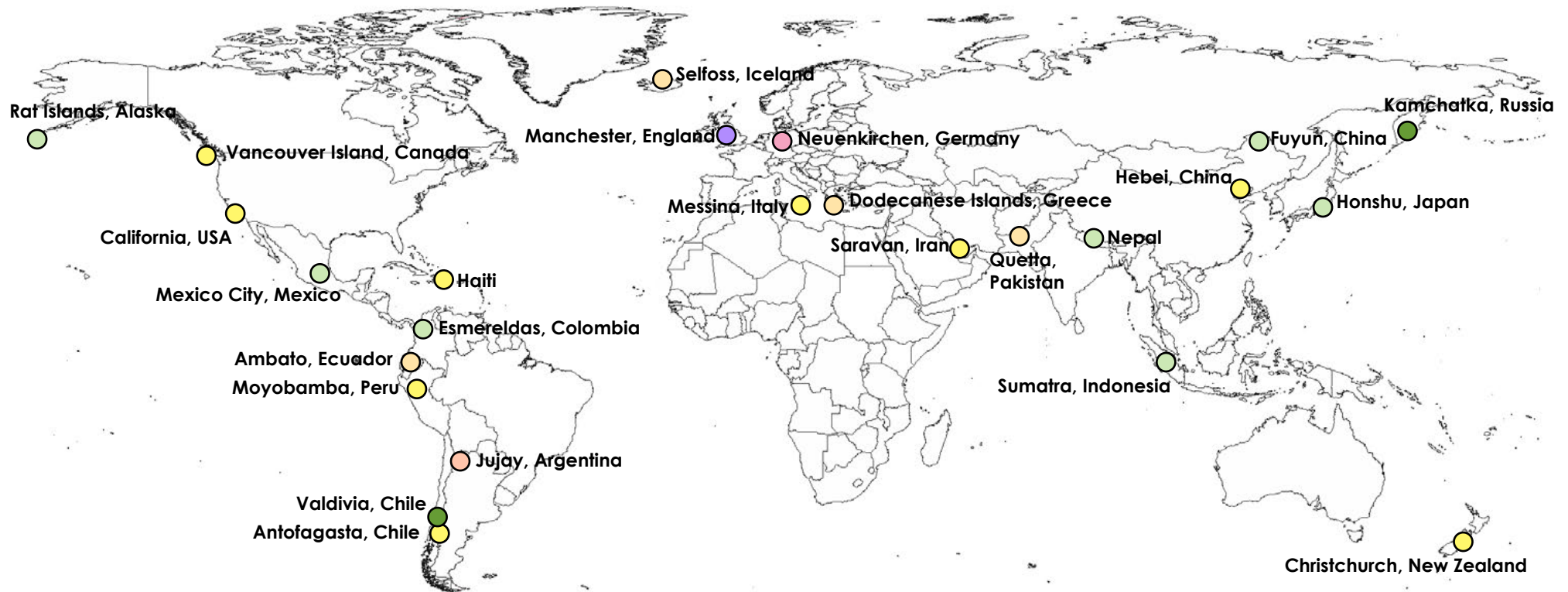
Other Facts:

Picture:

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Richter Scale

