

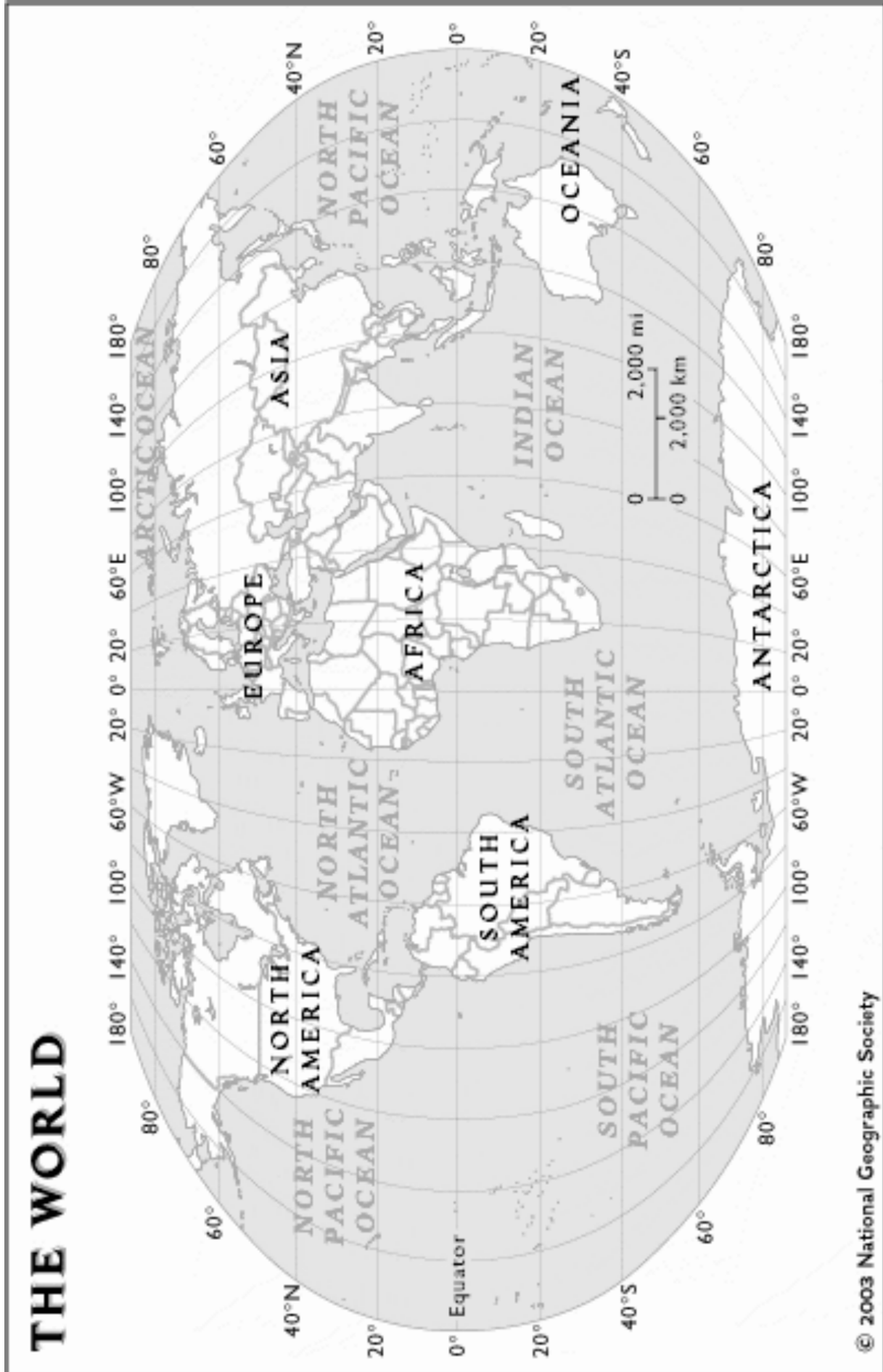
Name: _____ Block: _____ Date: _____

Earthquake Plotting Data

Plot the following earthquakes:

✓	Date	Location	Latitude	Longitude	Magnitude
	5/12/12	Mexico	32° N	115° W	2.5
	5/11/12	Puerto Rico	18° N	67° W	2.8
	5/11/12	California	38° N	122° W	2.7
	5/10/12	Indonesia	6° S	130° E	4.3
	5/10/12	Japan	36° N	141° E	4.7
	5/10/12	Indonesia	1° N	122° E	5.1
	5/10/12	Mexico	32° N	115° W	3.7
	5/10/12	Dominican Republic	18° N	68° W	3.4
	5/10/12	Alaska	62° N	152° W	4.3
	5/12/12	China	38° N	89° E	4.9
	5/12/12	Canada	50° N	129° W	4.4
	5/11/12	Hawaii	19° N	155° W	2.5
	5/11/12	Guatemala	14° N	91° W	4.3
	5/11/12	Honduras	15° N	88° W	4.4





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**Plotting Earthquakes
Conclusion Questions**

**Post-Assessment
Analysis Questions**

Based on your evidence, where are most of the earthquakes occurring?

Is there a way to determine what parts of the world will have more earthquakes?

Conclusion

Name: _____ Block: _____ Date: _____

Modified Earthquake Plotting Data

Plot the following earthquakes and make a check mark after you plot each earthquake.

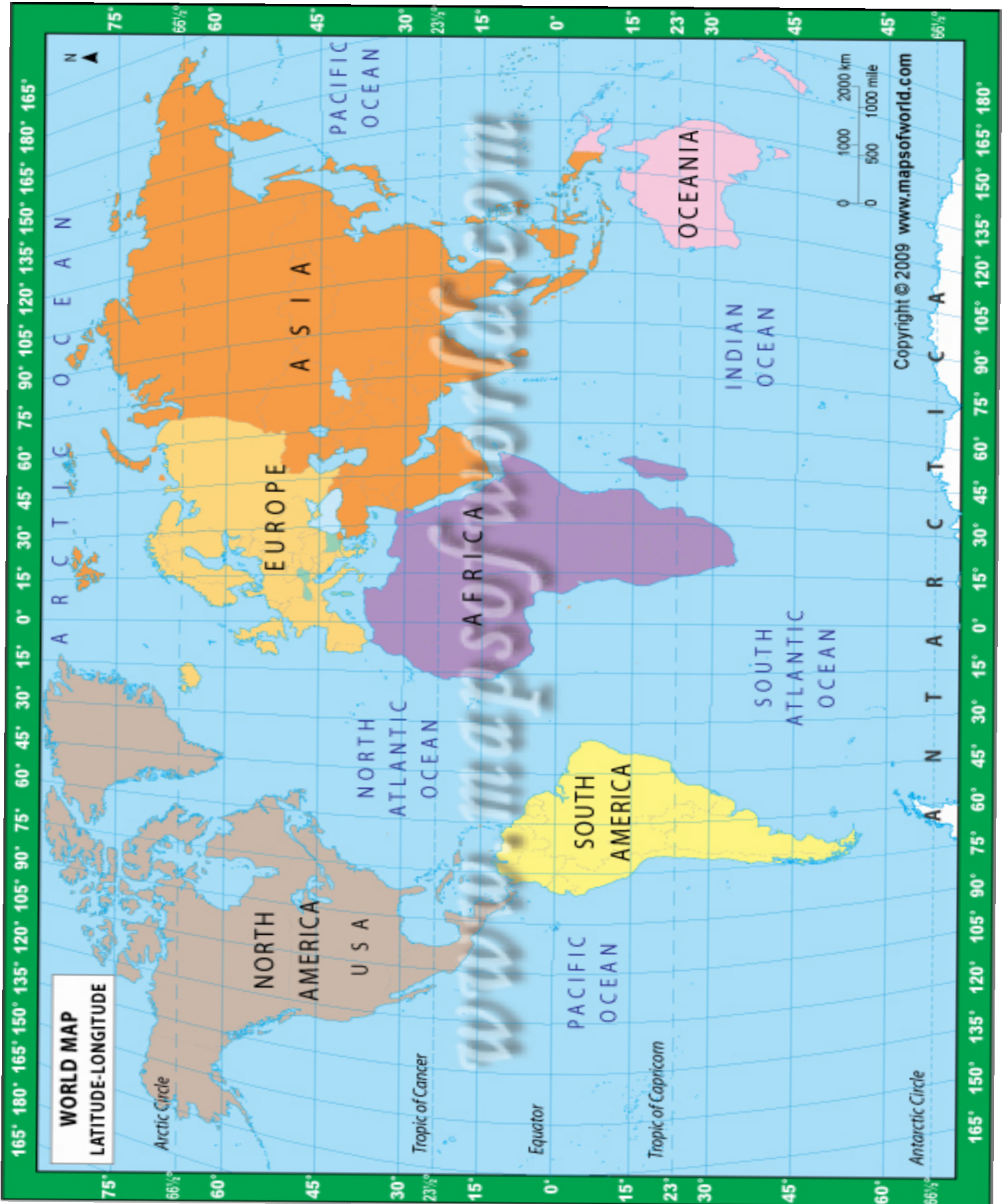
✓	Date	Location	Latitude	Longitude	Magnitude
	5/12/12	Mexico	32° N	115° W	2.5
	5/11/12	Puerto Rico	18° N	67° W	2.8
	5/11/12	California	38° N	122° W	2.7
	5/10/12	Japan	36° N	141° E	4.7
	5/10/12	Indonesia	1° N	122° E	5.1
	5/10/12	Dominican Republic	18° N	68° W	3.4
	5/10/12	Alaska	62° N	152° W	4.3
	5/12/12	China	38° N	89° E	4.9
	5/11/12	Guatemala	14° N	91° W	4.3
	5/11/12	Honduras	15° N	88° W	4.4



Name: _____

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Modified Analysis Questions

1. Based on your evidence, where are most of the earthquakes occurring? Be sure to refer back to your plotting data.

Why do you think so?

2. Is there a way to determine what parts of the world will have more earthquakes? Be sure to refer back to your plate tectonic map.

Conclusion

In a paragraph, summarize and explain where earthquakes occur and why.