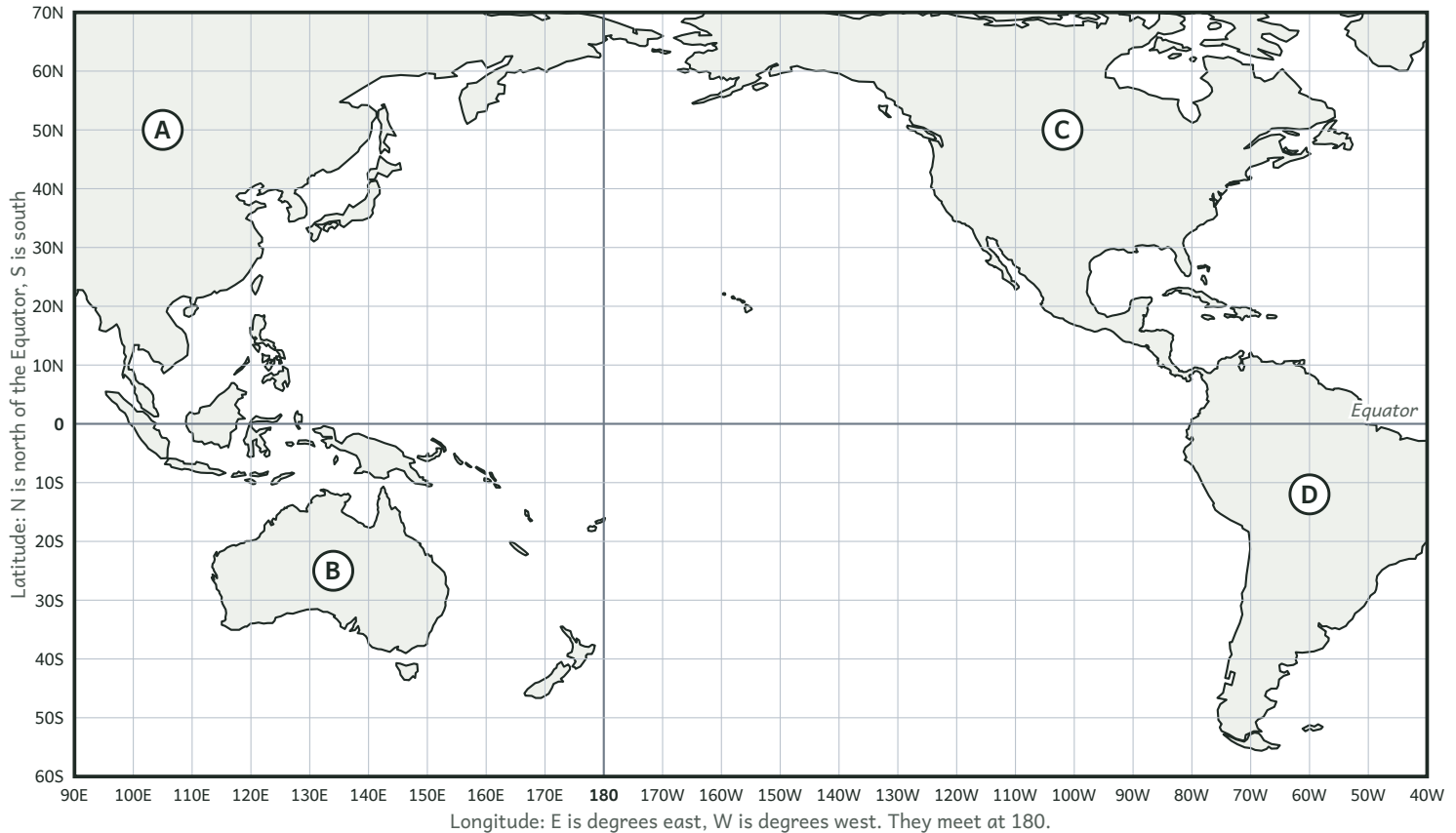


Plot the Ring of Fire

Name _____

1. Each row of the table is a real volcano or a real earthquake. Find its latitude on the side of the map and its longitude along the bottom. Where they meet, draw a triangle for a volcano or a dot for an earthquake. A number that ends in 5 sits halfway between two lines. 2. Draw one big loop that passes through as many of your marks as it can. (The number after an earthquake is its magnitude: how strong it was.)



Where	Lat.	Long.	Where	Lat.	Long.	Where	Lat.	Long.
1 Δ Mount St. Helens, USA	45 N	120 W	10 Δ Villarrica, Chile	40 S	70 W	19 ● Aleutian Islands, 1946 8.6	55 N	165 W
2 Δ Novarupta, Alaska	60 N	155 W	11 Δ Cotopaxi, Ecuador	0	80 W	20 ● San Francisco, 1906 7.9	40 N	125 W
3 Δ Klyuchevskoy, Russia	55 N	160 E	12 Δ Popocatepetl, Mexico	20 N	100 W	21 ● Mexico, 1985 8.0	20 N	105 W
4 Δ Mount Fuji, Japan	35 N	140 E	13 Δ Kilauea, Hawaii	20 N	155 W	22 ● Peru, 2001 8.4	15 S	75 W
5 Δ Pinatubo, Philippines	15 N	120 E	14 ● Chile, 1960 9.5	40 S	75 W	23 ● Chile, 2015 8.3	30 S	70 W
6 Δ Krakatau, Indonesia	5 S	105 E	15 ● Alaska, 1964 9.2	60 N	145 W	24 ● Solomon Islands, 2007 8.1	10 S	155 E
7 Δ Tambora, Indonesia	10 S	120 E	16 ● Japan, 2011 9.1	40 N	140 E	25 ● Samoa, 2009 8.1	15 S	170 W
8 Δ Ruapehu, New Zealand	40 S	175 E	17 ● Sumatra, 2004 9.1	5 N	95 E	26 ● New Zealand, 2016 7.8	45 S	175 E
9 Δ Hunga Tonga, Tonga	20 S	175 W	18 ● Aleutian Islands, 1965 8.7	50 N	180			

3. Name the continents. A _____ B _____ C _____ D _____

Word bank: Asia · Australia · North America · South America

4. Which ocean is inside your loop? _____

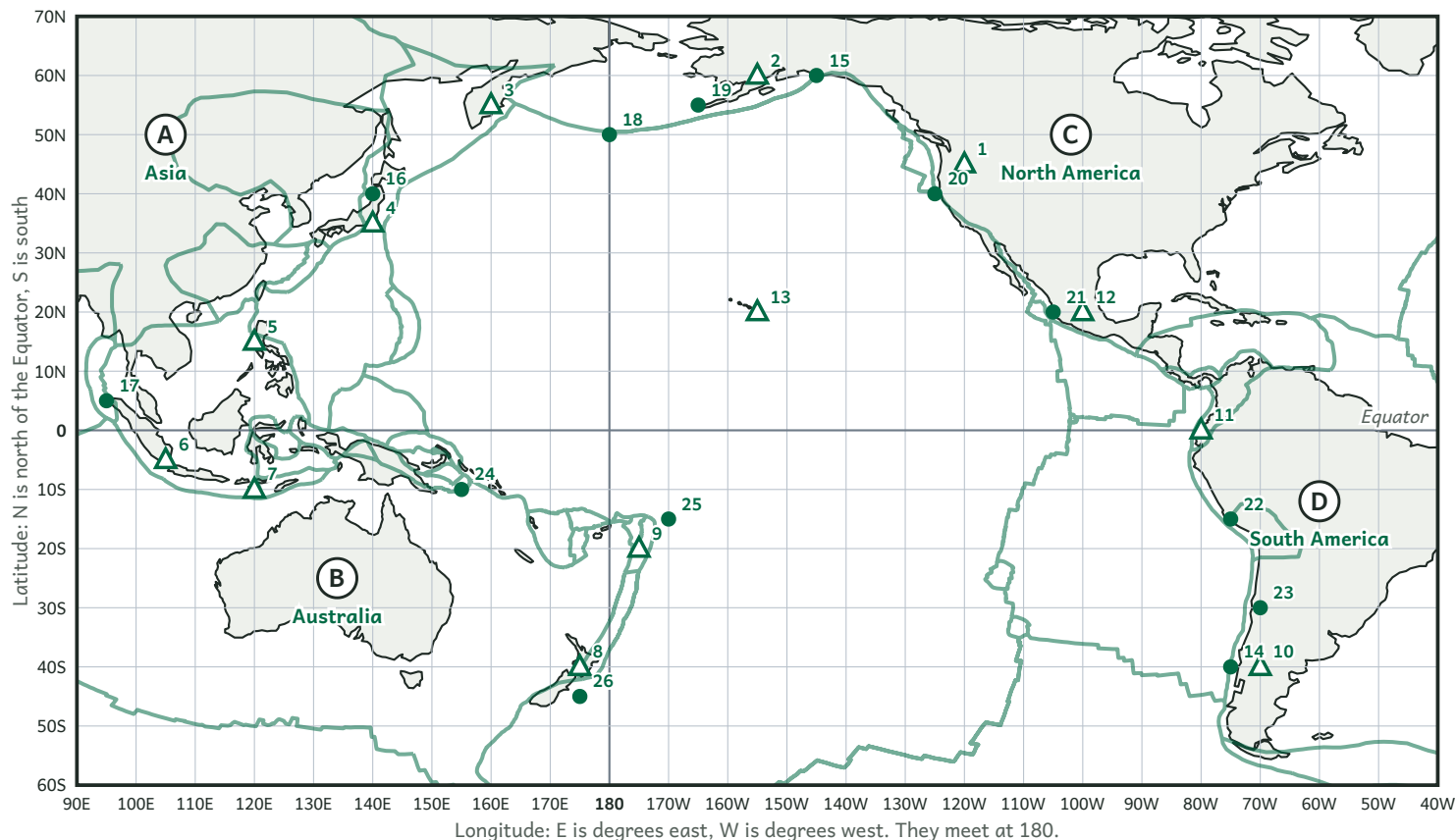
5. Which earthquake was the strongest? _____

6. One volcano is nowhere near the loop. Which one? _____

7. Where is that volcano? _____

Plot the Ring of Fire

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3. Name the continents. **A Asia B Australia C North America D South America**

Word bank: Asia · Australia · North America · South America

4. Which ocean is inside your loop? **The Pacific Ocean**

5. Which earthquake was the strongest? **Chile, 1960**

6. One volcano is nowhere near the loop. Which one? **Kilauea, Hawaii**

7. Where is that volcano? **In the middle of the ocean**

The green lines are the edges of the plates that make up the Earth's crust. Most volcanoes and big earthquakes happen where two plates meet. Kilauea is different: it sits over a hot spot in the middle of a plate.