

Name

Date



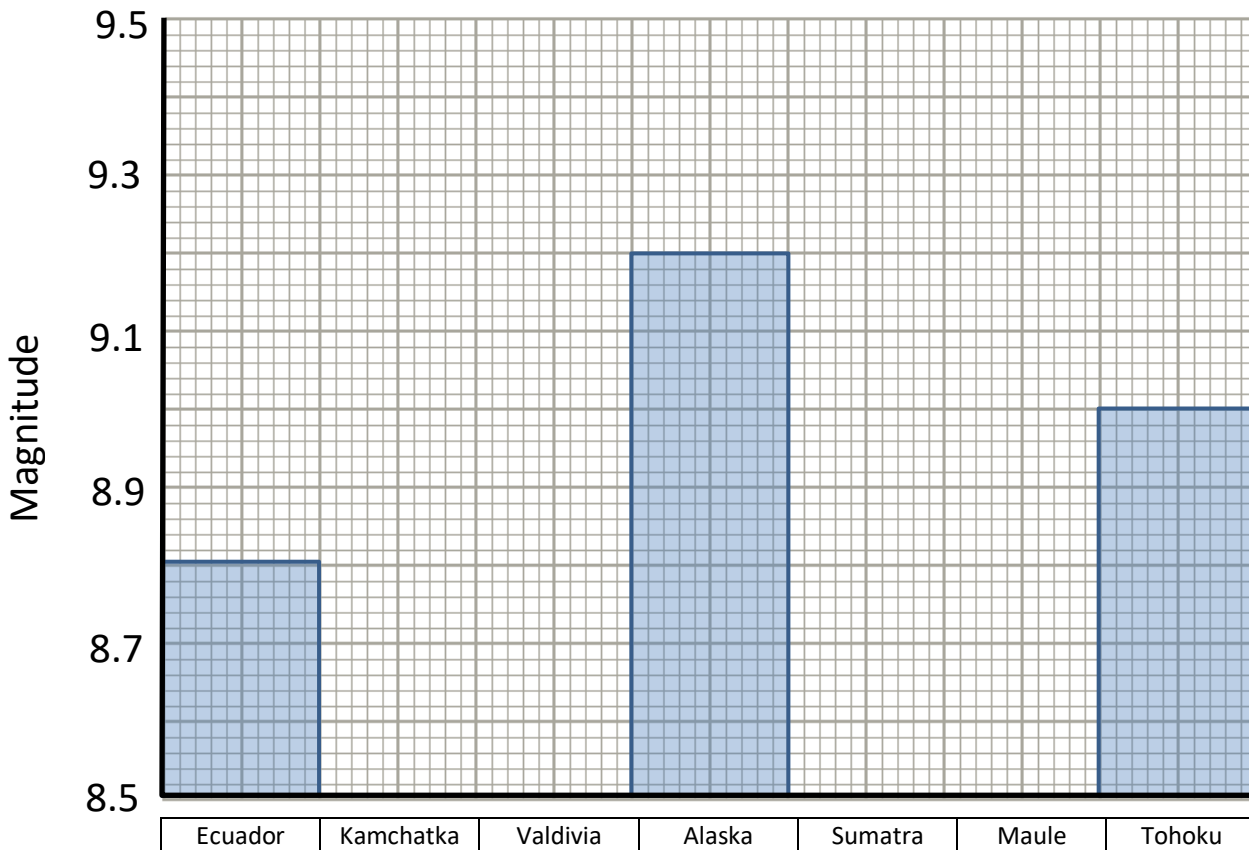
# BAR GRAPHS SHEET 4B – LARGEST EARTHQUAKES

Here are some of the largest earthquakes that have been recorded.

Earthquake	Magnitude	Date	Order by size (1=biggest)
Ecuador		1906-01-31	
Kamchatka	9.0	1952-11-04	
Valdivia, Chile	9.5	1960-05-22	
Alaska		1964-03-28	
Northern Sumatra	9.1	2004-12-26	
Maule	8.8	2010-02-27	
Tohoku, Japan		2011-03-11	

- 1) Order the earthquakes by size (magnitude) and fill in the column on the table.
- 2) Use the bar graph to fill in the missing data in the table.
- 3) Use the data to complete the bar graph below.

Source: [http://earthquake.usgs.gov/earthquakes/world/10\\_largest\\_world.php](http://earthquake.usgs.gov/earthquakes/world/10_largest_world.php)



4) What was the difference between the most powerful and least powerful earthquake in magnitude?

5) How many years and whole months are there between the oldest and latest earthquakes in the table?

Name

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# BAR GRAPHS SHEET 4B – LARGEST EARTHQUAKES ANSWERS

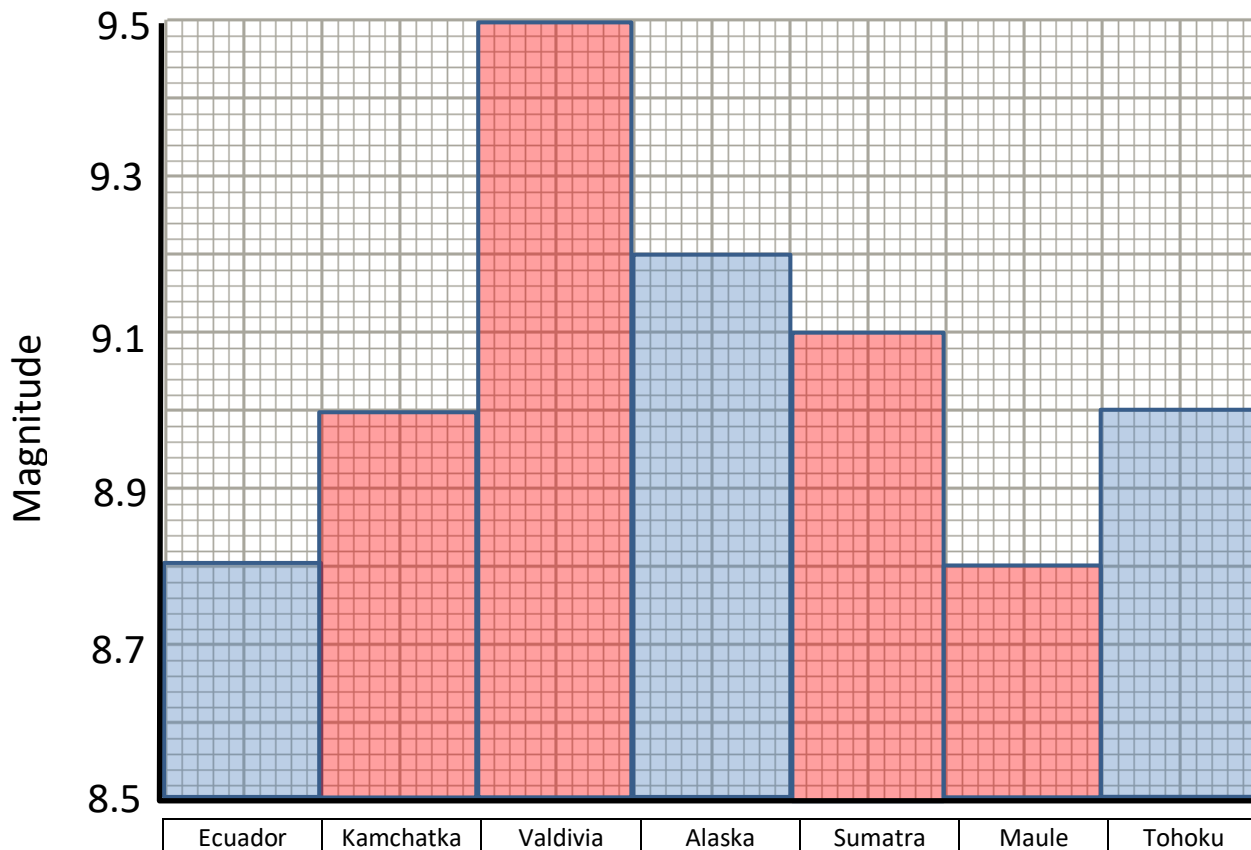
Earthquake	Magnitude	Date	Order by size (1=biggest)
Ecuador	8.8	1906-01-31	5
Kamchatka	9.0	1952-11-04	4
Valdivia, Chile	9.5	1960-05-22	1
Alaska	9.2	1964-03-28	2
Northern Sumatra	9.1	2004-12-26	3
Maule	8.8	2010-02-27	5
Tohoku, Japan	9.0	2011-03-11	4

1) Order the earthquakes by size (magnitude) and fill in the column on the table.

2) Use the bar graph to fill in the missing data in the table.

3) Use the data to complete the bar graph below.

Source: [http://earthquake.usgs.gov/earthquakes/world/10\\_largest\\_world.php](http://earthquake.usgs.gov/earthquakes/world/10_largest_world.php)



4) What was the difference between the most powerful and least powerful earthquake in magnitude? **0.7**

5) How many years and whole months are there between the oldest and latest earthquakes in the table? **105 years and 1 whole month**