



Picking Out a Pattern

Procedure

1. **Compare** Read and compare the lists of earthquake and volcano locations in your book. What similarities do you find?

2. **Use Models** Use an atlas to find the locations of the earthquakes and volcanoes.

3. **Record Data** Mark each location on the blank world map. Draw a red triangle for a volcano. Draw a green circle for an earthquake. Check your work.

Conclusion

Write the answers to the questions.

1. **Analyze Data** Draw conclusions about the pattern you see.

Name _____ Date _____

2. Predict Using what you know about Earth's structure, predict the relationship between the planet's plates and the places where most volcanoes and earthquakes occur.

Research Use the Internet or other reference sources to research a recent major earthquake or volcanic eruption. Where did it take place? What damage did it cause? Report your findings.

Guided Inquiry