

Name

Date

Class

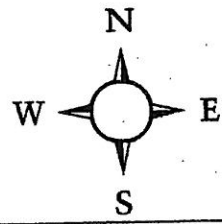
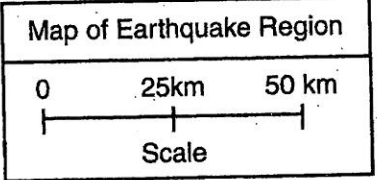
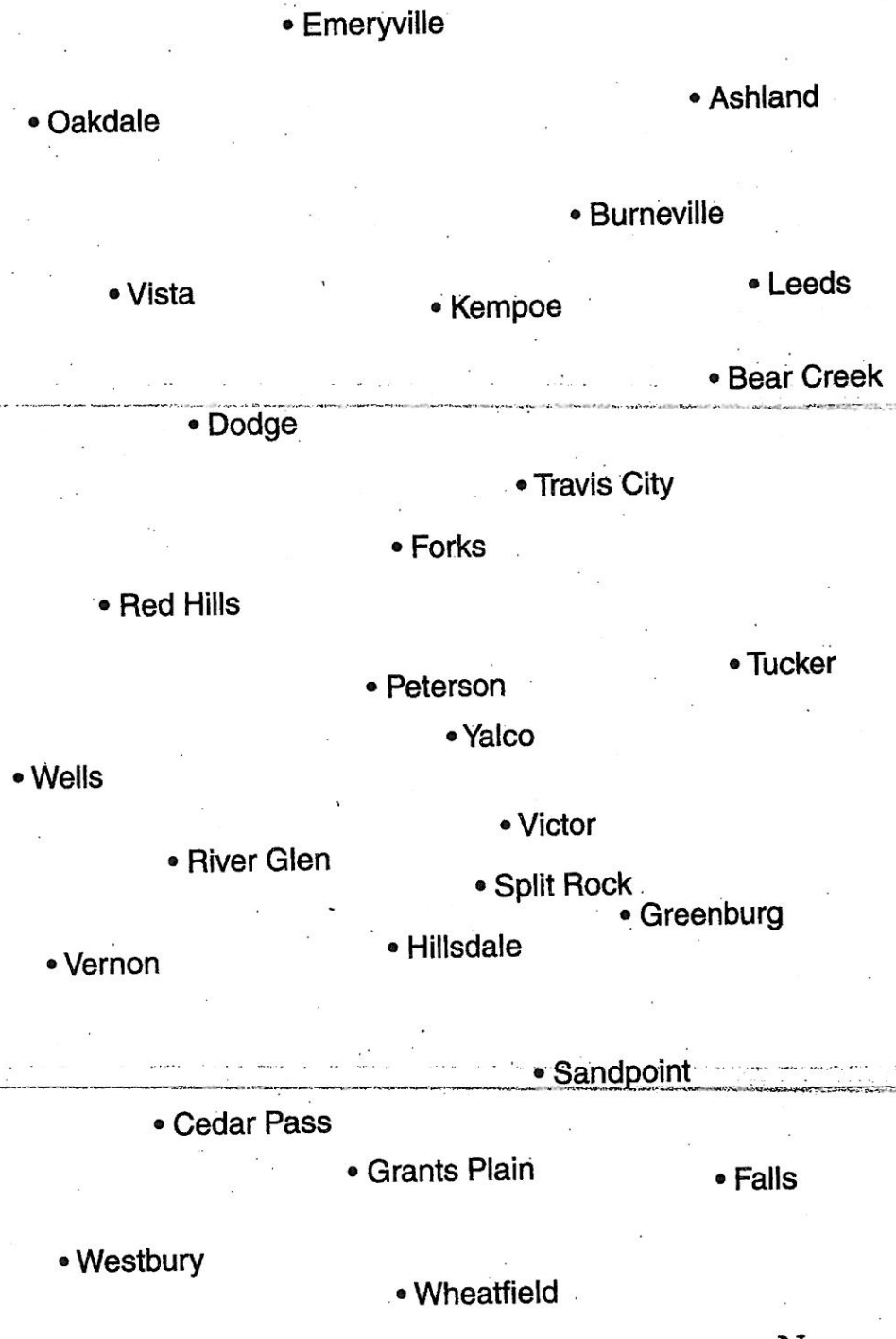
Laboratory Activity 1 (continued)

R-2012

Lab: Using Mercalli Scale to Locate an Epicenter

Figure 1

Ashland
Bear Creek
Burneville
Cedar Pass
Dodge
Emeryville
Falls
Forks
Grants Plain
Greenburg
Hillsdale
Kempoe
Leeds
Oakdale
Peterson
Red Hills
River Glen
Sandpoint
Split Rock
Travis City
Tucker
Vernon
Victor
Vista
Wells
Westbury
Wheatfield
Yalco



Laboratory Activity 1 (continued)**Questions and Conclusions**

1. What cities were closest to the epicenter of the earthquake? How did you determine this?

2. Approximately how wide was the zone with a rating of V or higher?

3. What are some possible sources of error when using the Modified Mercalli scale to locate the epicenter of an earthquake?

Strategy Check

_____ Can you determine Mercalli values?

_____ Can you locate earthquake epicenters?