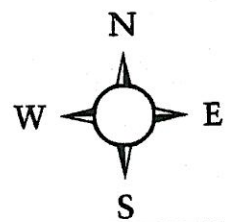
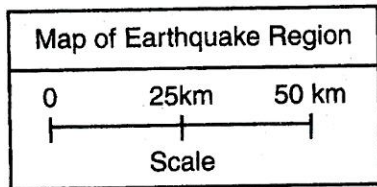
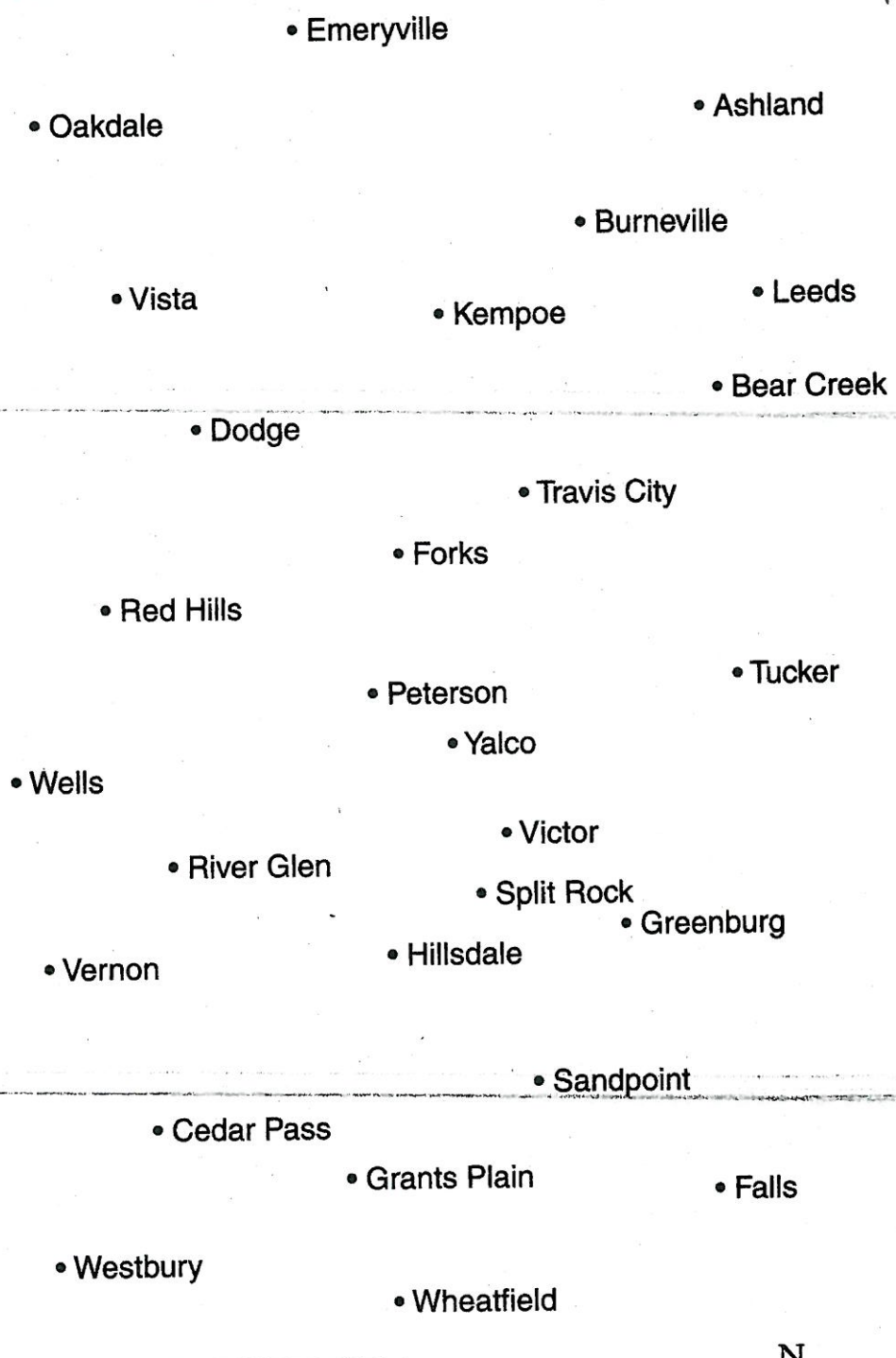


Laboratory Activity 1 (continued)

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?