| Name | · | |
|-------------------|------|---|
| Date: | | |
| eriod | : | |
| | | Seismic Wave Analysis |
| | | |
| | | Earthquake Data -S waves |
| | 1.5 | |
| | 1 | |
| Displacement (mm) | 0.5 | |
| | | |
| nent | 0 | |
| placer | -0.5 | |
| | -1 | |
| | -1.5 | |
| | | |
| | -2 | Time (seconds) |
| | | |
| 1. | W | /hat type of waves created this seismogram? |
| 2. | De | escribe their motion: |
| | | |
| 2 | | |
| 3. | | hat is the amplitude of the largest wave? (Treat negative numbers as their absolute value) |
| 4 | ο: | of the three consultations of forces #2 hours the constitution of |
| 4. | יוט | vide the amplitude from #3 by 2 to get the earthquake's magnitude. |
| 5. | | hat effects would you expect this earthquake to have if it occurred in this classroom right |
| | no | w? |
| | | |