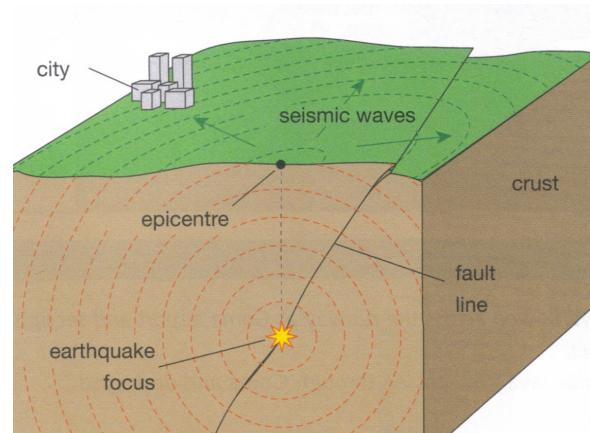
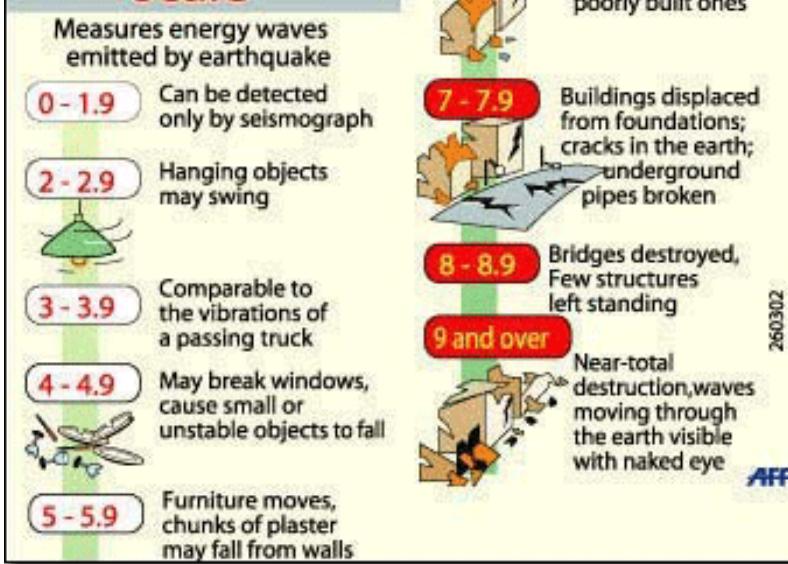
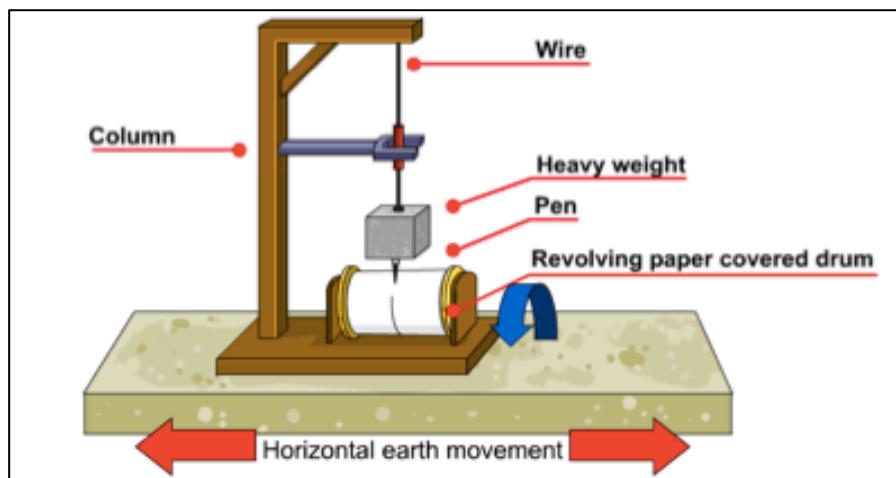


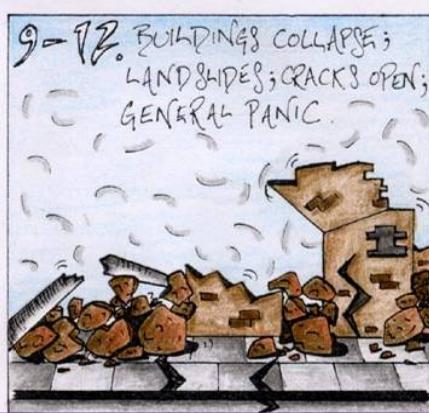
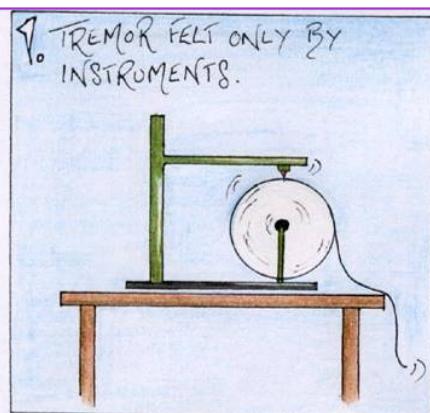
# The Richter scale



## Seismometer



## Mercalli Scale



### Mercalli Scale

- I.** Felt by almost no one.
- II.** Felt by very few people.
- III.** Tremor noticed by many, but they often do not realize it is an earthquake.
- IV.** Felt indoors by many. Feels like a truck has struck the building.
- V.** Felt by nearly everyone; many people awakened. Swaying trees and poles may be observed.
- VI.** Felt by all; many people run outdoors. Furniture moved, slight damage occurs.
- VII.** Everyone runs outdoors. Poorly built structures considerably damaged; slight damage elsewhere.
- VIII.** Specially designed structures damaged slightly, others collapse.
- IX.** All buildings considerably damaged, many shift off foundations. Noticeable cracks in ground.
- X.** Many structures destroyed. Ground is badly cracked.
- XI.** Almost all structures fall. Bridges wrecked. Very wide cracks in ground.
- XII.** Total destruction. Waves seen on ground surfaces, objects are tumbled and tossed.

### Richter Scale

- 2.5** Generally not felt, but recorded on seismometers.
- 3.5** Felt by many people.
- 4.5** Some local damage may occur.
- 6.0** A destructive earthquake.
- 7.0** A major earthquake.
- 8.0** Great earthquakes, and up

