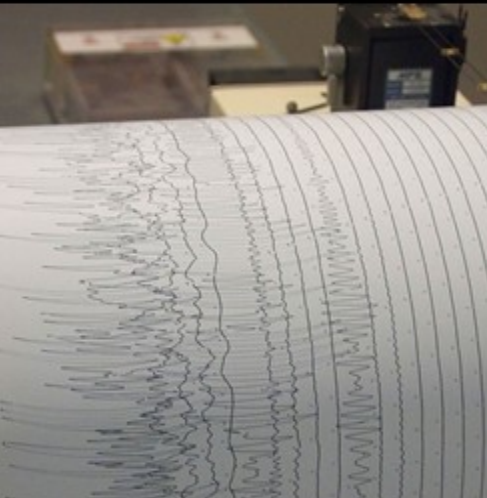


Earthquakes are measured by machines called seismographs.



Measuring earthquakes

There are many different scales that measure earthquakes. For example, the Richter scale which measures energy released. The Mercalli scale measures how much damage is caused by earthquakes based on observations. It is measured on a scale between 1 and 12.

Your task:

Complete illustrations to show what would happen at each level of the Mercalli scale.

The Mercalli Scale

1. Felt by almost no one.
2. Felt by very few people.
3. Tremor noticed by many, but they often do not realise it is an earthquake.
4. Felt indoors by many. Feels like a truck has struck the building.
5. Felt by everyone; many people are awakened. Swaying trees and poles may be observed.
6. Felt by all; many people run outdoors. Furniture is moved.
7. Everyone runs outdoors. Poorly built structures considerably damaged. Slight damage elsewhere.
8. Specially designed structures damaged slightly, others collapse.
9. All buildings considerably damaged, many shift off foundations. Noticeable cracks in the ground.
10. Many structures destroyed. Ground badly cracked.
11. Almost all structures fall. Bridges wrecked.
12. Total destruction. Waves seen on ground surfaces.

The Mercalli scale

Level 1	Level 2
Level 3	Level 4
Level 5	Level 6

Level 7

Level 8

Level 9

Level 10

Level 11

Level 12