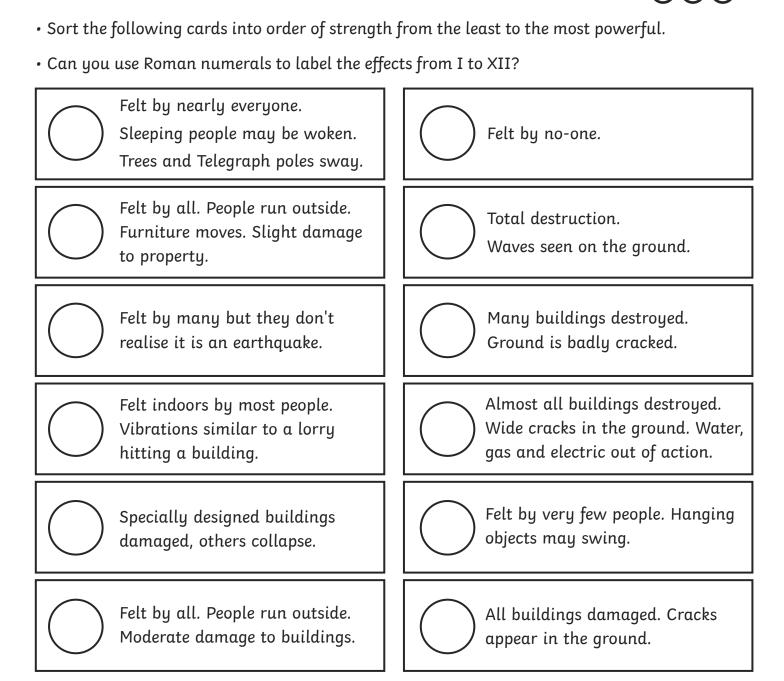


Measuring Earthquakes: The Mercalli Scale

To explain what causes earthquakes and how they are measured.



Why might the descriptions for an earthquake of a certain Mercalli intensity differ in



different places?

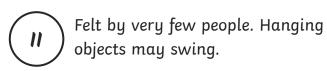


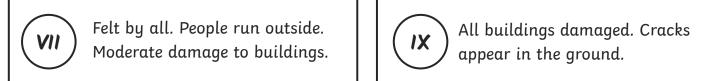


Measuring Earthquakes: The Mercalli Scale **Answers**

Felt by nearly everyone. Sleeping people may be woken. Trees and Telegraph poles sway.	Felt by no-one.
Felt by all. People run outside. Furniture moves. Slight damage to property.	Total destruction. Waves seen on the ground.
Felt by many but they don't realise it is an earthquake.	X Many buildings destroyed. Ground is badly cracked.
Felt indoors by most people. Vibrations similar to a lorry hitting a building.	Almost all buildings destroyed. Wide cracks in the ground. Water, gas and electric out of action.
Specially designed buildings	Felt by very few people. Hanging

damaged, others collapse.





Why might the descriptions for an earthquake of a certain Mercalli intensity differ in different places?

It depends on how built-up the area is and how well constructed the buildings are.



