

Name : _____

Science Year 4 Topic : Earth

- Gravity of Earth
- Gravitational Pull on Earth

1. Write whether each of the following statements is TRUE or FALSE.

(a) Gravity comes from the Latin word meaning weight.	
(b) Gravity causes all objects to be pulled towards the south of the Earth.	
(c) Astronauts float in space because there is no gravitational pull.	
(d) Without gravity, people on Earth would fight among themselves.	
(e) Gravity is a form of energy.	
(f) Every object with mass on Earth is constantly pulled by the force of gravity towards the centre of the Earth.	

2. The diagram below shows a situation.



(a) Write **one** observation for the above situation.

(b) What force causes the above situation? Tick (✓) the correct answer.

☐

Potential force

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Gravitational pull on Earth

(c) Based on your answer in (a), give a definition for the force mentioned in (b).

_____ is the force that _____