

SCIENCE WORKSHEET: GRAVITY OF EARTH

Name: _____ Class: _____ Date: _____

Learning objective: Describe the gravitational pull of Earth and explain its importance.

A. Fill in the blanks.

Word bank: centre • gravitational pull • ground • float

1. Objects fall back to the _____ because of gravity.
2. Gravity pulls objects towards the _____ of Earth.
3. The force that pulls objects towards Earth is called _____.
4. Without gravity, objects would _____ in the air.

B. Tick (✓) the correct answer.

1. Which object is affected by Earth's gravity?
☐ Only a ball ☐ All objects ☐ Only people
2. Why do objects remain in their positions on Earth?
☐ Because of sunlight ☐ Because of gravitational pull ☐ Because of wind
3. When a ball is tossed upwards, what happens next?
☐ It stays in the air ☐ It falls back to the ground ☐ It disappears

C. True or False.

1. Gravity pulls objects away from Earth. True / False
2. Gravitational pull helps objects stay on Earth. True / False
3. Without gravity, many objects would float in the air. True / False

D. Draw and explain.

Draw one object falling towards the ground. Add an arrow to show the direction of gravitational pull.



Explanation:

The object falls because _____

_____.

Key idea: Earth's gravity pulls all objects towards the centre of Earth.