Name: Date: Score: / 8

Gravity Pulls Down: Learn and Practice

Why everything falls toward Earth

Read each question. Circle the best answer.

💡 Gravity

- Gravity is a force that pulls objects toward the center of Earth.
- Down means toward the center of Earth, everywhere on the planet.
- Isaac Newton studied gravity more than 300 years ago.
- drop a ball in Canada or in Australia: it falls toward the center of Earth

1 Is gravity a push or a pull?

A. A pull B. Both at once C. Neither D. A push

2 🦘 A child in Australia drops a ball. Which way does it fall?

A. It floats away B. Sideways C. Up into the sky D. Down, toward the center of Earth

3 Which famous scientist studied gravity?

A. Charles Darwin B. Isaac Newton C. Gregor Mendel D. Marie Curie

4 ⚾ A ball thrown up comes back down. Which force does this?

A. Gravity B. Magnetism C. Light D. Sound

5 Why do people on the other side of Earth not fall off?

A. They hold onto trees

B. They wear sticky shoes

C. Gravity pulls them toward the center

D. Air pushes them up

6 🌍 Gravity pulls objects toward what?

A. The nearest wall B. The North Pole C. The sky D. The center of Earth

7 ⚖️ What is your weight?

A. Your speed B. The pull of gravity on you C. The air around you D. How tall you are

8 🍎 Why does a dropped apple fall to the ground?

A. Magnets pull it B. Wind pushes it C. It is tired D. Gravity pulls it

✏️ Explain it! Write two facts you learned about gravity pulls down.

ANSWER KEY

Gravity Pulls Down: Learn and Practice (answers)

Why everything falls toward Earth

Read each question. Circle the best answer.

1 Is gravity a push or a pull?

A. A pull B. Both at once C. Neither D. A push

Gravity is a pull. It draws objects toward each other.

2 🦘 A child in Australia drops a ball. Which way does it fall?

A. It floats away B. Sideways C. Up into the sky **D. Down, toward the center of Earth**

Gravity pulls toward the center of Earth, so down is toward the ground for everyone.

3 Which famous scientist studied gravity?

A. Charles Darwin **B. Isaac Newton** C. Gregor Mendel D. Marie Curie

Isaac Newton explained how gravity pulls on objects. The others studied living things and radioactivity.

4 ⚾ A ball thrown up comes back down. Which force does this?

A. Gravity B. Magnetism C. Light D. Sound

Gravity keeps pulling the ball, slowing it down on the way up and bringing it back down.

5 Why do people on the other side of Earth not fall off?

A. They hold onto trees

B. They wear sticky shoes

C. Gravity pulls them toward the center

D. Air pushes them up

Down means toward the center of Earth, so everyone everywhere is pulled onto the ground.

6 🌍 Gravity pulls objects toward what?

A. The nearest wall B. The North Pole C. The sky **D. The center of Earth**

Everywhere on the planet, gravity pulls things toward the middle of Earth.

7 ⚖️ What is your weight?

A. Your speed **B. The pull of gravity on you** C. The air around you D. How tall you are

Weight is how hard gravity pulls on your body.

8 🍎 Why does a dropped apple fall to the ground?

A. Magnets pull it B. Wind pushes it C. It is tired **D. Gravity pulls it**

Gravity pulls everything toward Earth, including apples. Thanks, gravity!