Name: Date: Score: / 8

Gravity Pulls Down: Learn and Practice

Why everything falls back to Earth

Read each question. Circle the best answer.

💡 Gravity

- Gravity is a pull between objects.
- Earth pulls everything toward its center, which is down for us.
- Gravity is why things fall and why we stay on the ground.
- drop an apple: it falls down because of gravity

1 🌧️ Which of these falls because of gravity?

A. A helium balloon B. Steam from a pot

C. Smoke from a campfire D. Rain from clouds

2 Is gravity a push or a pull?

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

3 🍂 A leaf and a rock are dropped together. The rock lands first. What slows the leaf?

A. Gravity ignores leaves

B. Air pushing against it

C. The ground pushes it away

D. The leaf is magnetic

4 Why do you land back on the ground after you jump?

A. Gravity pulls you down B. The ground is sticky

C. The air pushes you up

D. Your shoes are magnets

5 You throw a ball straight up. Why does it come back down?

A. Gravity pulls it back B. It hits the sky

C. The air gets tired D. Friction pushes it up

6 What pulls things down toward Earth?

A. Friction B. Wind C. Gravity D. Static

7 🌏 Children in Canada and in Australia each drop a ball. Which way do the balls fall?

A. Toward the center of Earth

B. Toward the North Pole C. Up into space

D. Toward the Sun

8 ⚽ When you drop a ball, which way does it go?

A. Sideways B. Down C. Up

D. It stays in the air

ANSWER KEY

Gravity Pulls Down: Learn and Practice (answers)

Why everything falls back to Earth

Read each question. Circle the best answer.

1 🌧️ Which of these falls because of gravity?

A. A helium balloon B. Steam from a pot

C. Smoke from a campfire **D. Rain from clouds**

Raindrops are pulled down by gravity, so they fall to the ground.

2 Is gravity a push or a pull?

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

D. A pull

Gravity is a pull. Earth pulls objects toward its center.

3 🍂 A leaf and a rock are dropped together. The rock lands first. What slows the leaf?

A. Gravity ignores leaves

B. Air pushing against it

C. The ground pushes it away

D. The leaf is magnetic

The flat leaf catches lots of air, which pushes back and slows its fall. Gravity still pulls it.

4 Why do you land back on the ground after you jump?

A. Gravity pulls you down

B. The ground is sticky C. The air pushes you up

D. Your shoes are magnets

Gravity is always pulling on you, so after every jump it brings you back down.

5 You throw a ball straight up. Why does it come back down?

A. Gravity pulls it back B. It hits the sky

C. The air gets tired D. Friction pushes it up

Gravity slows the ball as it rises, then pulls it back to the ground.

6 What pulls things down toward Earth?

A. Friction B. Wind **C. Gravity** D. Static

Gravity is the pull of Earth. It pulls everything toward the ground.

7 🌏 Children in Canada and in Australia each drop a ball. Which way do the balls fall?

A. Toward the center of Earth

B. Toward the North Pole C. Up into space

D. Toward the Sun

Gravity pulls toward the center of Earth everywhere, so down always means toward the middle.

8 ⚽ When you drop a ball, which way does it go?

A. Sideways **B. Down** C. Up

D. It stays in the air

Gravity pulls the ball toward Earth, so it falls down. Every time!