

Predict the Motion

Read each sentence and predict what will happen
according to Newton's Laws of Motion.

1. Newton's Second Law of Motion...

You hit a ping-pong ball and a tennis ball with a tennis racket.

Which one will travel farther? _____

2. Newton's First Law of Motion...

If you leave a cookie on a plate and there is no one else in the house,
where will the cookie be in an hour? _____

3. Newton's Third Law of Motion...

If you let the air out of a balloon, what will happen
to the balloon? _____

4. Newton's First Law of Motion...

The horse you're riding stops quickly.

What happens to you? _____

5. Newton's Second Law of Motion...

A football player kicks a football and a balloon.

What will happen? _____

6. Newton's Third Law of Motion...

Two ice skaters glide into each other at full speed.

What will happen? _____

7. Newton's First Law of Motion....

An astronaut is floating in space where there isn't a gravitational pull.

What will happen? _____