

Collision Balls Experiment II

The balls that won in the last experiment are underlined. However, what would happen if you speed up the ball that didn't win and slowed down the ball that won? Do that experiment to see what happens. Circle the winners.

bouncy ball and steel ball

steel ball and golf ball

bouncy ball wooden ball

wooden ball and cork ball

bouncy ball and cork ball

wooden ball and glass ball

bouncy ball and glass ball

wooden ball and ping-pong ball

bouncy ball and ping-pong ball

wooden ball and golf ball

bouncy ball and golf ball

cork ball and glass ball

steel ball and wooden ball

cork ball and ping-pong ball

steel ball and cork ball

cork ball and golf ball

steel ball and glass ball

glass ball and ping-pong ball

steel ball and ping-pong ball

glass ball and golf ball

ping-pong ball and golf ball

1. How many experiments did the winners stay winners? _____
2. How many experiments did the non-winners become winners? _____
3. How many experiments did the non-winners stay non-winners? _____

Collision Balls Experiment II Results

1. Why did some winners stay winners? What is your conclusion?

Conclusion:

2. Why did some non-winners become winners? What is your conclusion?

Conclusion:

3. Why did some non-winner stay non-winners? What is our conclusion?

Conclusions:
