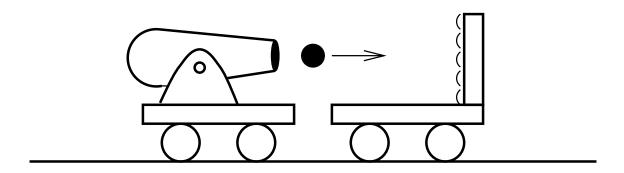
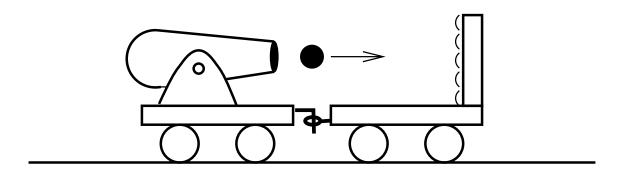
A canon mounted on one railway car fires a canon ball at another railway car. The other car has a cushion which stops (catches) the canon ball.



What happens to both cars after the canon has been fired and the canon ball has been caught?

- 1. The canon moves left while the other car moves right.
- 2. Both cars move left.
- 3. Both cars move right.
- 4. Both cars are stopped.

A canon mounted on one railway car fires a canon ball at another railway car. The other car has a cushion which catches the canon ball. Now the two cars are connected!



What happens to both cars <u>after</u> the canon has been fired and the canon ball has been caught?

- 1. The canon moves left while the other car moves right.
- 2. Both cars move left.
- 3. Both cars move right.
- 4. Both cars are stopped.