**1.5 Other effects of collisions**

The shot of the crossbow and the penetration of the head may have effects on the ballpoint. The two pictures below give examples of an effect that is meant here.

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| http://static.themetapicture.com/media/funny-truck-accident-Inertia.jpg |  |
|  |  |

* Describe what you see in these pictures.
* Explain the physics behind these pictures, this phenomenon is called ‘inertia’.
* Discuss what the inertia effects in the ballpoint case might be.
* Give some examples of circumstances where you experienced the effect of inertia yourself.