

Car scenario 1.



Start. Both cars at top of ramps. Ramps have different inclinations.



Maximum distance for car on right ramp.

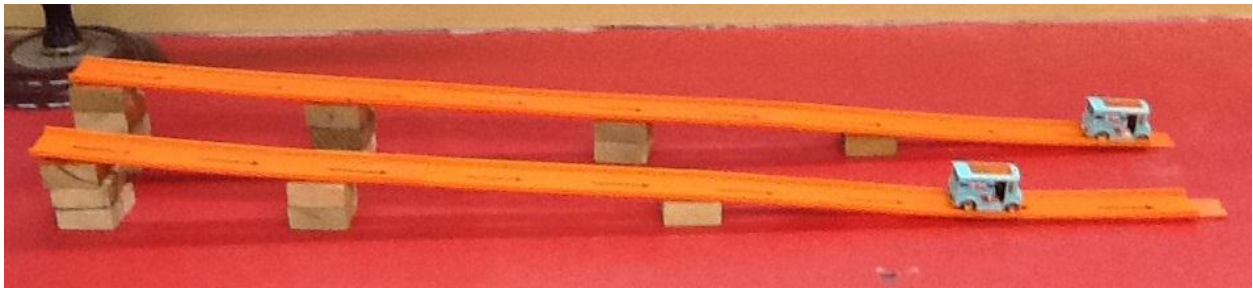


Maximum distance for car on left ramp.



How can you release the two cars so that they meet at the same time in the middle?

Car scenario 2.



Cars were released on differently inclined ramps at the same moment.



How could you release the two cars on the differently inclined ramps so that they reached a "finish line" at the same time?