Bumper Cars

Directions:
When you make your prediction, write down the sentence under the box that you choose. If your prediction is correct, write “same” on the correct answer line. If your prediction is not correct, click the back button on your browser to find the correct answer. Write the sentence on the correct answer line.

Collision 1: One Car at Rest

Your Prediction: ____________________________________________________
__________________________________________________________________

Correct Answer: ____________________________________________________
__________________________________________________________________

Collision 2: Glancing Collision

Your Prediction: ____________________________________________________
__________________________________________________________________

Correct Answer: ____________________________________________________
__________________________________________________________________

Collision 3: Equal Masses

Your Prediction: ____________________________________________________
__________________________________________________________________

Correct Answer: ____________________________________________________
__________________________________________________________________

Bonus:
On the back create your own scenario for colliding cars. Be sure to include the speed of each car, the mass each car, the mass of each driver, and the angle of impact (straight on, glancing). Create a right and wrong answer and circle the correct answer. Draw your answers.