



Virtual Lab Activity 9.1

Conservation of Momentum

1. Observe Watch how the two balls of different sizes exert the same force when they collide. Write down the equation that represents the interaction of the two forces, illustrating Newton's third law of motion.

2. Execute Considering this concept, stand on a pillow and try pushing on a wall. Assume your force equals 30N. What is the wall's force? Sketch this activity, and write the answer, using the equation.

