

Name _____

Forces in Sports

Answer Key

1. Athletes use Newton's laws of motion in sports to run, jump, throw, and play games, applying forces to perform various actions.
2. When a pitcher throws a baseball, they use their muscles to apply force to the ball, making it move fast.
3. A batter applies a force in the opposite direction when hitting a pitched ball by swinging the bat.
4. A soccer player makes the ball move when they kick it by applying a force with their foot, propelling the ball in the direction of the kick.
5. One example of another sport where forces play a crucial role is swimming. Swimmers use forceful strokes with their arms and legs to move through the water.