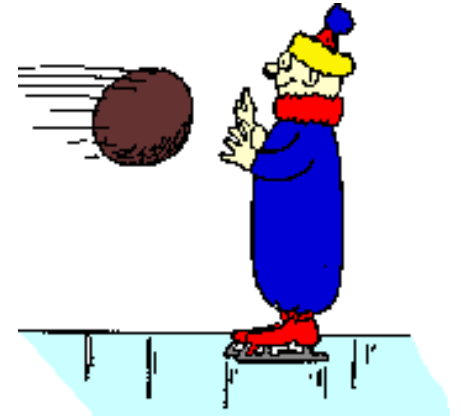


Warm Up



Jocko the clown, who has a mass of 60.0 kg and stands at rest on the ice, catches a 15.0 -kg ball that is thrown to him at 20.0 km/hr. Jocko catches the ball and slides across the ice after the "collision". How fast does Jocko (and the ball) move across the ice after the collision?