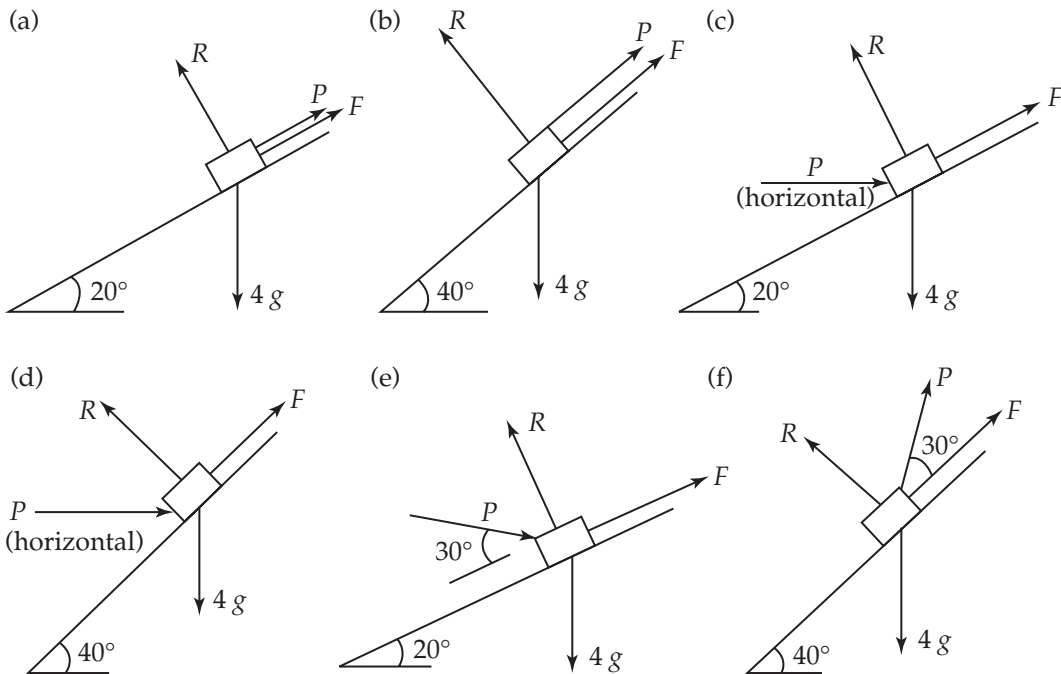


10. Each of the following diagrams shows a bag of mass 4 kg on a rough inclined plane. The coefficient of friction between the plane and the particle is 0.2. R is the normal reaction and F the friction force. Find the magnitude of force P if the bag is on the point of moving down the plane.



11. Each of the following diagrams shows a particle of mass 3 kg on a rough inclined plane. The coefficient of friction between the plane and the particle is 0.3. R is the normal reaction and F the friction force.

Find the magnitude of force P if the body is on the point of moving up the plane.

