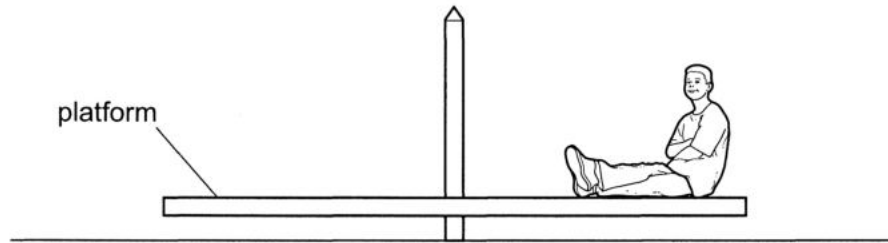
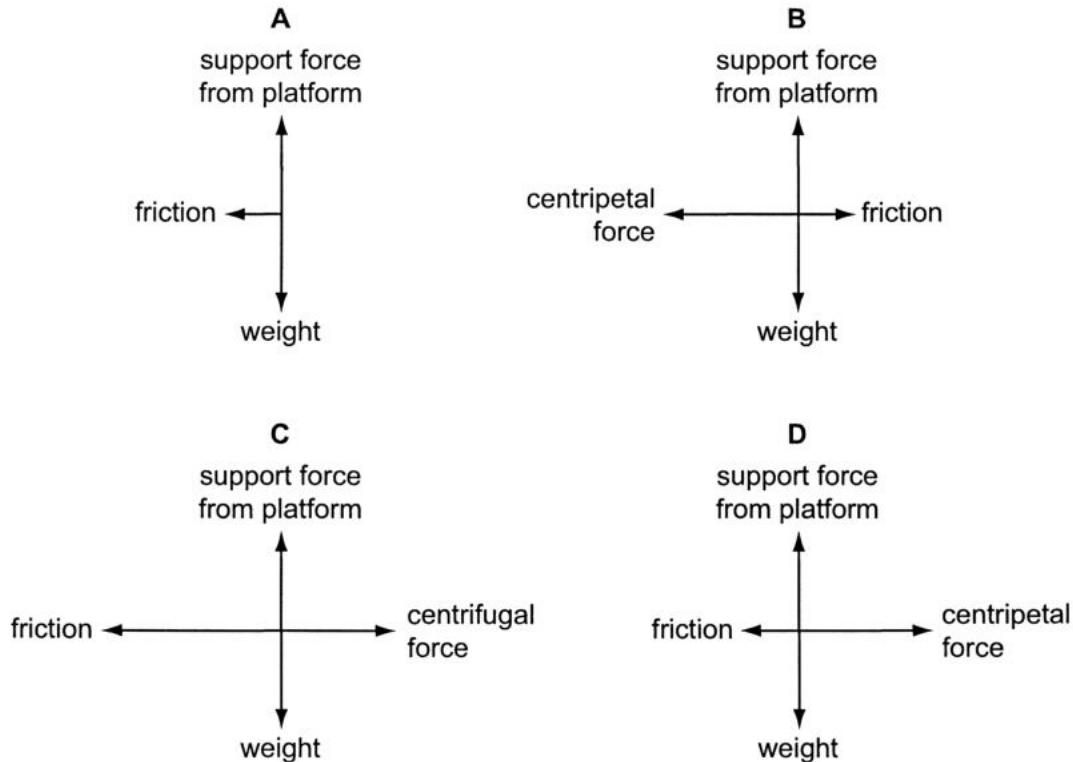


- 14 The diagram shows a child sitting on a playground turntable, which is turning with constant angular velocity.



Which diagram shows the forces acting on the child when in the position shown?



- 15 What is the line segment of radius on the Earth's surface a result of the Earth's rotation about