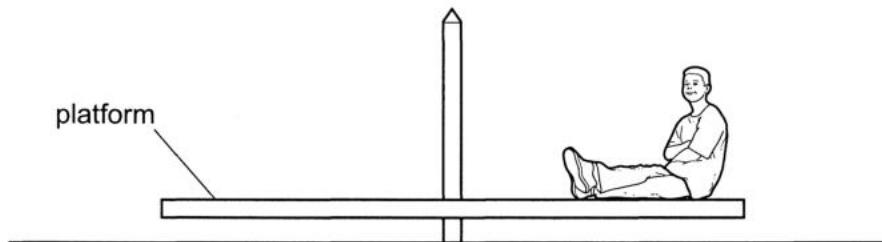


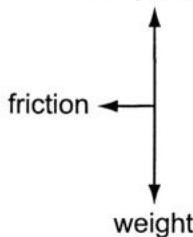
- 14 The diagram shows a child sitting on a playground turntable, which is turning with constant angular velocity.



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

A

support force
from platform

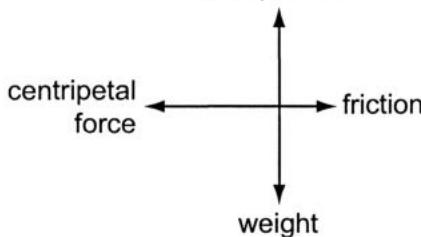


B

support force
from platform

centripetal
force

weight



C

support force
from platform

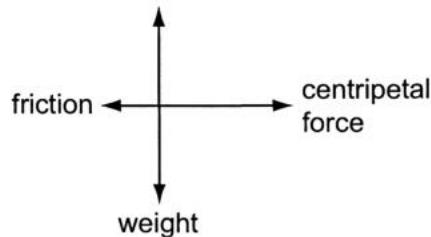


D

support force
from platform

friction centripetal
 force

weight



- 15 What is the direction of friction on the Earth's surface as a result of the Earth's rotation about