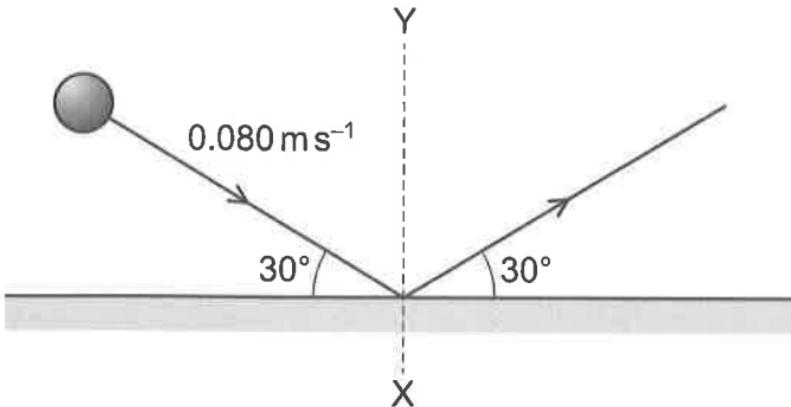


- 11 A snooker ball of mass 0.40 kg, moving at 0.080 m s^{-1} on a snooker table, collides with the side of the table at an angle of 30° . The ball is in contact with the side for 0.20 s. It bounces off at an equal speed in the direction shown in the diagram.



view of the table from above

What is the average force on the ball from the side of the table in the direction XY?

- A 0.080 N B 0.14 N C 0.16 N D 0.28 N

