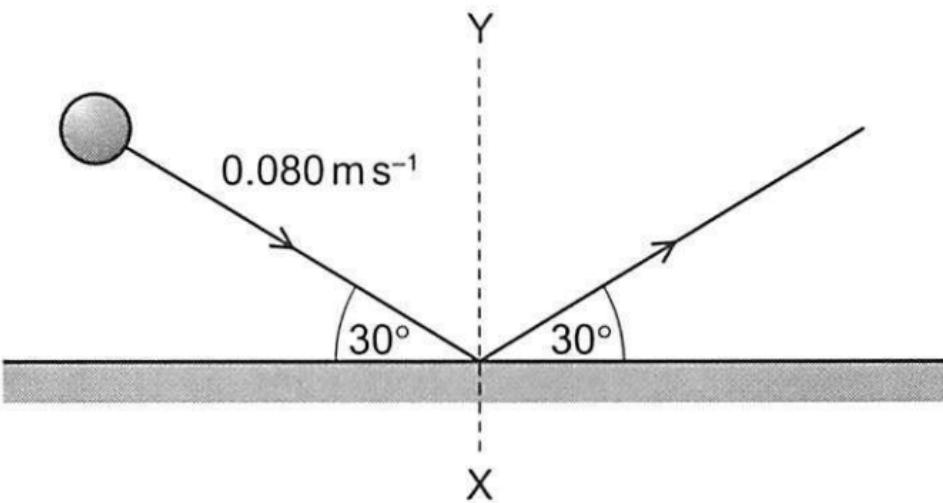


- 10 A snooker ball of mass 0.40 kg moving at 0.080 ms^{-1} collides with the side of a table at an angle of 30° . The ball is in contact with the side for 0.20 s. It bounces off at the same angle with the same speed.



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

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

- 11 The diagram shows the forces acting on a ball at rest. The ball has a mass of 0.20 kg.