

- 6 A ball strikes a horizontal surface at an angle and collides elastically with it. The momentum of the ball just before it hits the surface is p .



Which of the following options best describes the change in momentum of the ball from just before until just after contact with the surface?

	change in momentum	
	magnitude	direction
A	less than $2p$	↑
B	less than $2p$	↖
C	more than $2p$	↑
D	more than $2p$	↖

