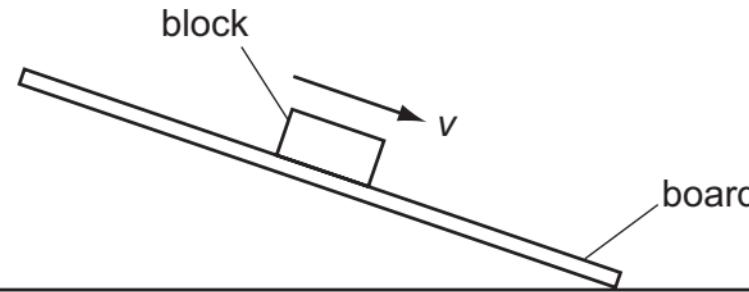


- 13 A wooden block rests on a rough board. The end of the board is then raised until the block slides down the plane of the board at constant velocity  $v$ .



Which row describes the forces acting on the block when sliding with constant velocity?

	frictional force on block	resultant force on block
<b>A</b>	down the plane	down the plane
<b>B</b>	down the plane	zero
<b>C</b>	up the plane	down the plane
<b>D</b>	up the plane	zero

- 14 A ball of mass  $m$  is thrown up to height  $h$  in air with an initial velocity  $v_0$ , as shown.