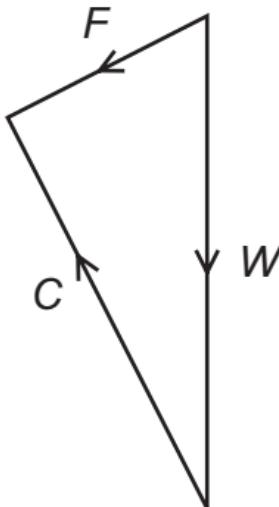


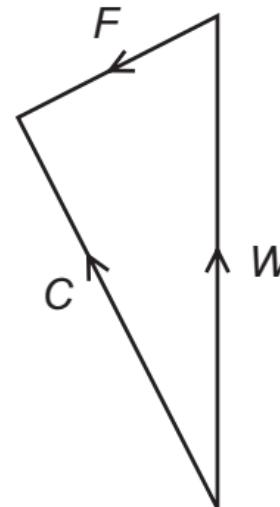
- 17 A sledge slides down a slope at a constant velocity. The three forces that act on the sledge are the normal contact force  $C$ , the weight  $W$  and a constant frictional force  $F$ .

Which diagram represents these forces acting on the sledge?

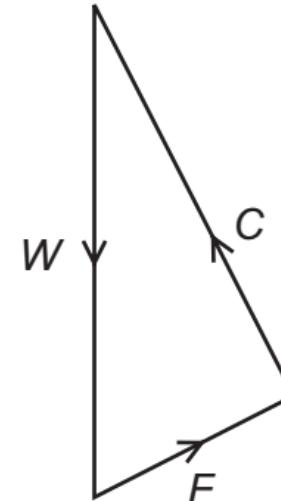
A



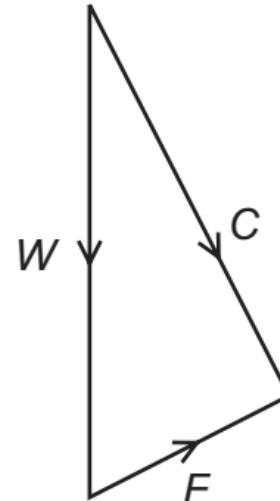
B



C



D



- 18 The kinetic energy of a particle is increased by a factor of 4.