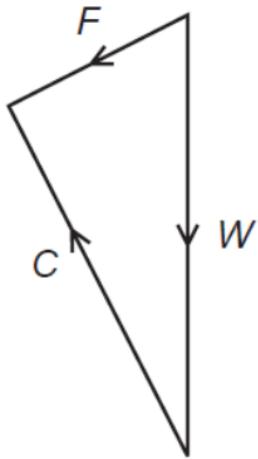


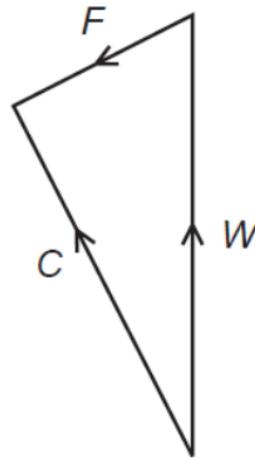
- 6 A sledge slides down a slope at a constant velocity. The three forces that act on the sledge are the normal contact force C , the weight W and a constant frictional force F .

Which diagram represents these forces acting on the sledge?

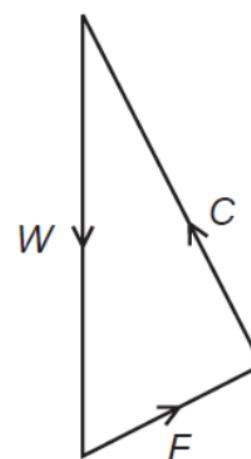
A



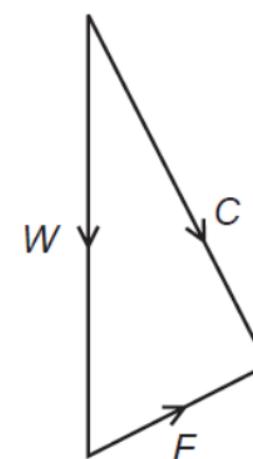
B



C



D



- 7 A piston in a gas supply pump has an area of 600 cm^2 and it moves a distance of 40 cm .