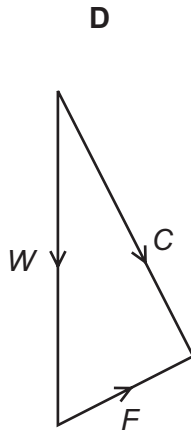
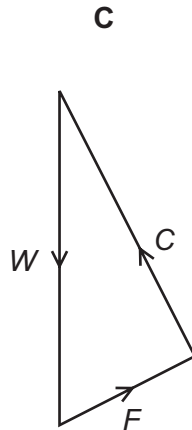
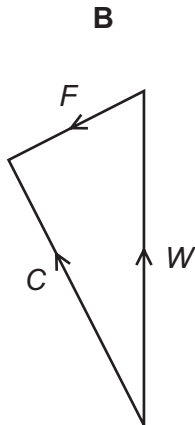
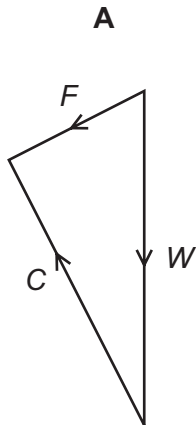


- 17 A sledge slides down a slope at a constant velocity. The three forces that act on the sledge are the normal contact force C , the weight W and a constant frictional force F .

Which diagram represents these forces acting on the sledge?



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