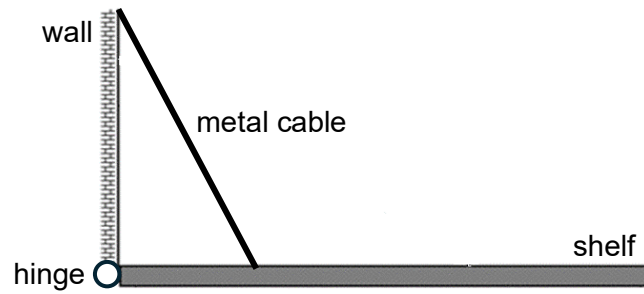


- 8 A shelf made of uniform material is held horizontally against a wall by a metal cable. The forces acting on the shelf are its weight, the force exerted by the metal cable, and the force exerted by the hinge.



Which arrow could represent the direction of the force the hinge exerts on the shelf?

