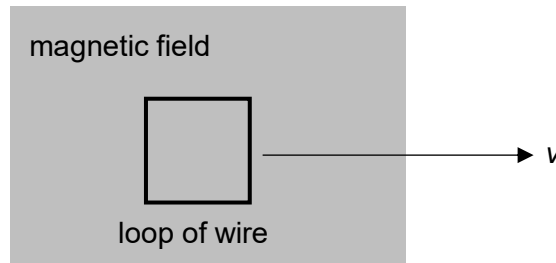


- 22** A square loop of wire is placed in a region of uniform magnetic field. The direction of the field is perpendicular to the plane of the loop of wire.



The loop is pulled out of the field at a uniform speed v . During this operation, the loop remains in the same plane.

Which graph shows how the work done W in pulling the loop totally out of the field depends on the speed v ?

