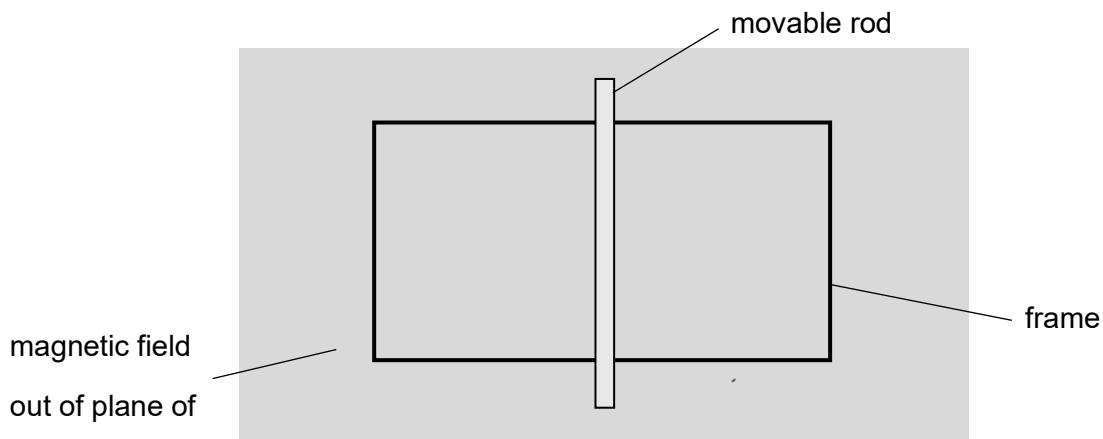


- 24** A movable metal rod is placed in the middle of a rectangular metal frame. A uniform magnetic field directed out of the plane of the paper acts perpendicular to the frame.



Which of the following actions will induce a clockwise current in the frame?

- A** Sliding the rod to the left while maintaining contact with the frame.
- B** Sliding the rod to the right while maintaining contact with the frame.
- C** Decreasing the magnitude of the magnetic flux density of the field.
- D** Increasing the magnitude of the magnetic flux density of the field.