Following Charge Through a Model Gel

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Following Charge Through a Model Gel

Question 1

Choice (3)

Positive ions in blue move toward the negative contact. Negative ions in yellow move toward the positive contact. Reversing the contacts reverses both movements.

Question 2

The gel stays fixed, and the two markers move in opposite directions. When the contacts are reversed, each marker reverses toward its new opposite contact.

Question 3

In the dry ionic model the charged particles are fixed. In copper, mobile electrons can move through the solid and carry charge.

Question 4

The blue marker can still move toward the newly negative contact with its mobile positive ions. The yellow marker is attached to fixed negative ions. The mobile positive ions can still carry charge.