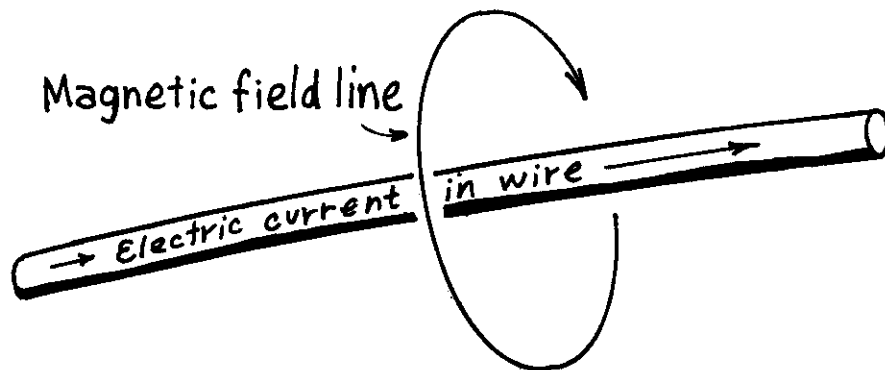


ANSWER: RING AROUND WHAT?

The answer is: d. In the days of Napoleon it was known that a magnetic field circled around a wire that carries an electric current.



But about the time of the American Civil War it was realized (in England) that a magnetic field could be made in another way. This is the essence of our last question, ELECTROMAGNETISM'S HEART—a *changing* electric field also makes a magnetic field. If the electric field is getting stronger the magnetic field circles it one way. If the electric field is getting weaker the magnetic field circles it the opposite way. If the electric field is not changing—is static—it makes no magnetic field at all.

