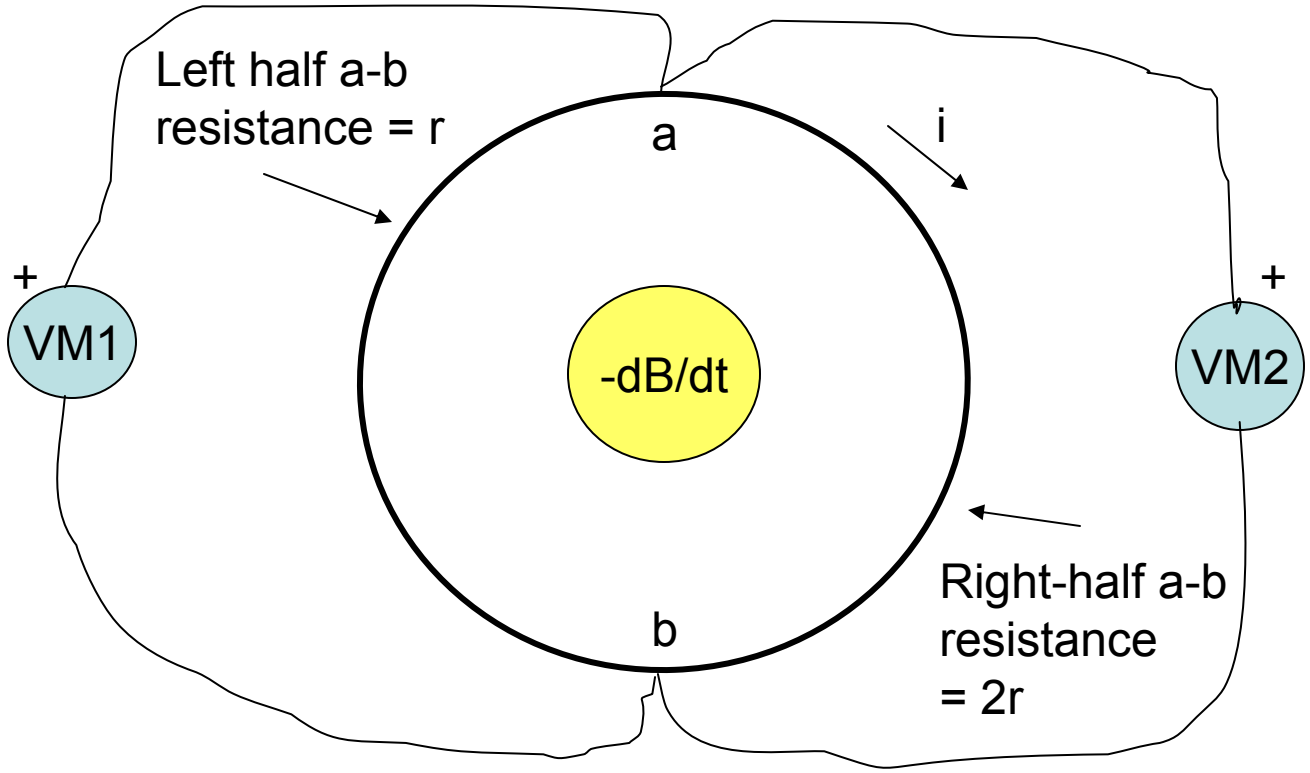
Current i = emf/3r
emf = $-\partial\varphi/\partial t$



Single-turn coil with dissimilar resistances as shown.
What do voltmeters VM1 and VM2 read?
What is Va – Vb? There can only be one answer!
Notice that neither voltmeter circuit surrounds any B field.