

1. What is meant by a “magnetic domain”?
2. Do particles “move” about in an Ising model? Explain.
3. How does the alignment of spins differ in a ferromagnet and an antiferromagnet?
4. Does the Metropolis algorithm always end up with a system in its lowest energy state?
5. Where does randomness enter into the Metropolis algorithm?
6. What is the difference between a “cold” start and a “hot” start to the Metropolis algorithm?