1 Pop Quiz - Relations 2008.10.08

Given $R = \{(a, b), (b, a), (a, a)\}$

1. Is it reflexive? Answer: No $(b, b) \not\in R$
2. Is it transitive? Answer: Yes
3. Is it irreflexive? Answer: No since $(a, a) \in R$
4. Is it symmetric? Answer: Yes