



Fig. 3-11. Bidirectional DNA replication. (a) From any origin of replication site (*ori*) a leading strand is synthesized. (b) Initiation of a lagging strand synthesis. (c) The first precursor (Okazaki) fragment has passed the *ori* site and has become the rightward leading strand. (d) Initiation of leftward lagging strand begins with establishment of a second complete replication fork. (e) Two replication bubbles about to coalesce.