

**29.15.** A circular loop of wire is in a region of spatially uniform magnetic field, as shown in Fig. 29.31. The magnetic field is directed into the plane of the figure. Determine the direction (clockwise or counterclockwise) of the induced current in the loop when (a)  $B$  is increasing; (b)  $B$  is decreasing; (c)  $B$  is constant with value  $B_0$ . Explain your reasoning.

