

$$f(0) \longrightarrow \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(0) \qquad \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(0)$$

$$f(1) \longrightarrow \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(2) \qquad \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(4)$$

$$f(2) \longrightarrow \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(4) \qquad \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(2)$$

$$f(3) \longrightarrow \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(6) \qquad \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(6)$$

$$f(4) \longrightarrow \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(1) \qquad \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(1)$$

$$f(5) \longrightarrow \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(3) \qquad \bullet \xrightarrow{\text{blue}} \bullet \longrightarrow f(5)$$

$$f(6) \longrightarrow \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(5) \qquad \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(3)$$

$$f(7) \longrightarrow \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(7) \qquad \bullet \xrightarrow{\text{red}} \bullet \longrightarrow f(7)$$