

$$v \xrightarrow{a} w$$

$$\begin{array}{ccc} & b & \\ v & \xrightarrow{\quad} & w \\ & \xleftarrow{a} & \end{array}$$

$$\begin{array}{c} a \\ \curvearrowright \\ v \end{array}$$

$$\begin{array}{ccc} & a & \\ v & \xrightarrow{\quad} & w \\ & \xleftarrow{b} & \end{array}$$

$$\begin{array}{ccc} & a & \\ v & \xrightarrow{\quad} & w \\ & \searrow b & \downarrow c \\ & & x \end{array}$$