

$$\begin{array}{ccc}
 \pi_n(Y) & \xrightarrow[f_*]{\cong} & \pi_n(X) \\
 \downarrow h \cong & & \downarrow h \\
 H_n(Y) & \xrightarrow[f_*]{\cong} & H_n(X)
 \end{array}$$