

$$\begin{array}{ccc}
 X & \xrightarrow{f} & Y \\
 \downarrow & & \downarrow \\
 g \circ f & & h \circ g \\
 \downarrow & \swarrow g & \downarrow \\
 Z & \xrightarrow{h} & W
 \end{array}$$