$$\min_{\nu} \mathbb{E}_{q_\nu}\left[\log \frac{q_\nu(W)}{p(W \mid x, y)}\right]$$

$$KL\left(q_{\nu} \parallel p(\cdot \mid x, y)\right)$$

$$\min_{v}$$

$$\log\, p(x) = KL\Big(q_\nu \parallel p(\cdot \mid x, y)\Big) + \mathbb{E}_{q_\nu}[\log\, p(W, X, Y)] \;-\; \mathbb{E}_{q_\nu}[\log\, q_\nu(W)]$$