Negate each of the following statements:

a) \( p \text{ and } q \)

b) \( p \text{ or } q \)

c) \( p \rightarrow q \)

d) \( \forall x, P(x) \)

e) \( \exists y, Q(y) \)

f) Given \( x, y \) in the domain of \( f \), if \( x < y \) then \( f(x) > f(y) \).

g) There exists \( w \) in \( [a,b] \) such that for every \( x \) in \( [a,b] \), \( f(x) \leq f(w) \).

h) Given any real number \( M > 0 \), there exists \( x \) in \( D \) such that \( f(x) > M \).