$\exists c\ \exists n_0 : \forall n > n_0$

$f \in \mathcal{O}(g) \qquad f(n) \leq c \cdot g(n)$

$f \in \Omega(g) \qquad f(n) \geq c \cdot g(n)$

$f \in \Theta \iff (f \in \mathcal{O}(g) \wedge f \in \Omega(g))$

(h)

$\exists c\ \exists n_0 : \forall n > n_0$

$f \in O(g) \qquad f(n) \leq c \cdot g(n)$

$f \in \Omega(g) \qquad f(n) \geq c \cdot g(n)$

$f \in \Theta \Leftrightarrow (f \in O(g) \wedge f \in \Omega(g))$

(h)