2. 设全集$U=\{0,1,2,4,6,8\}$，集合$M=\{0,4,6\},N=\{0,1,6\}$，则$M\cup\complement_U N=$（　）

A. $\{0,2,4,6,8\}$

B. $\{0,1,4,6,8\}$

C. $\{1,2,4,6,8\}$

D. U