# Number Theory Quiz V 

## RDB

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Problem 1 Determine all $x \in\{0,1,2, \ldots, 84\}$ such that

$$
x \equiv 2 \quad(\bmod 5)
$$

$$
x \equiv 1 \quad(\bmod 17)
$$

Problem 2 For which $n \in\{1,2, \ldots, 10\}$ does $d(n)=2 n$ ?

