

Problema 2. Demonstrați că

$$\{x \in \mathbb{N} \mid x = 7a+3, a \in \mathbb{N}\} \cap \{y \in \mathbb{N} \mid y = 6b+4, b \in \mathbb{N}\} = \{z \in \mathbb{N} \mid z = 42c+10, c \in \mathbb{N}\}.$$

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