

Stabiliti valoarea de adevăr a propozițiilor

1.  $3|(3a + 9b)$  oricare ar fi  $a, b \in \mathbb{N}$
2.  $7|(7^{32} - 21)$
3.  $5|(10^{99} + 35)$
4.  $11|(\overline{ab} + \overline{ba})$  oricare ar fi  $a, b \in \mathbb{N}$
5.  $10|(7^n \cdot 4 + 7^n \cdot 6)$  oricare ar fi  $n \in \mathbb{N}$
6.  $6|(5^{n+1} + 5^n)$  oricare ar fi  $n \in \mathbb{N}$