Constants: *phone*, *pencil*, *telephone*.

Predicate Symbol: *noisy* (unary), *left_of* (binary).

- $D = \{$  ,  ,  $\}$.
- $\phi(phone) =$, $\phi(pencil) =$  , $\phi(telephone) =$.
- $\pi(noisy)$:

$\langle$ $\rangle$	*FALSE*	$\langle$ $\rangle$	*TRUE*	$\langle$ $\rangle$	*FALSE*

$\pi(left\_of)$:

$\langle$, $\rangle$	*FALSE*	$\langle$, $\rangle$	*TRUE*	$\langle$, $\rangle$	*TRUE*
$\langle$, $\rangle$	*FALSE*	$\langle$, $\rangle$	*FALSE*	$\langle$, $\rangle$	*TRUE*
$\langle$, $\rangle$	*FALSE*	$\langle$, $\rangle$	*FALSE*	$\langle$, $\rangle$	*FALSE*